



Howard County
Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 3/31/2010 TEST TIME 9:30 @/P 539533

AGENCY REVIEW: _____ DATE 2-25-10

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 _____ 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) PATRICIA L. BOYER.

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 2057 GLENWOOD SPRINGS DR. GLENWOOD MD. 21738
STREET CITY/TOWN STATE ZIP

APPLICANT CHARLES R. CROCKEN & ASSOC., INC.

DAYTIME PHONE 410 549-2708 CELL _____ FAX _____

MAILING ADDRESS 902 LEE AVE SYKESVILLE MD. 21184
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME THE PATRICIA L. BOYER PROPERTY LOT NO. 6

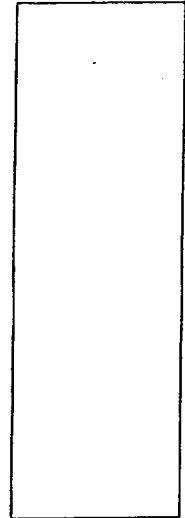
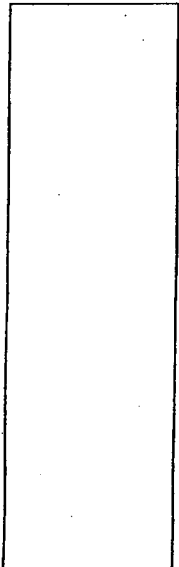
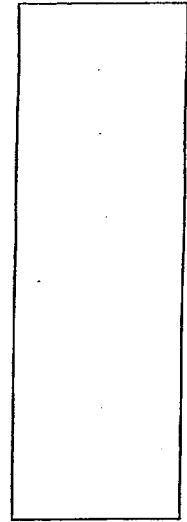
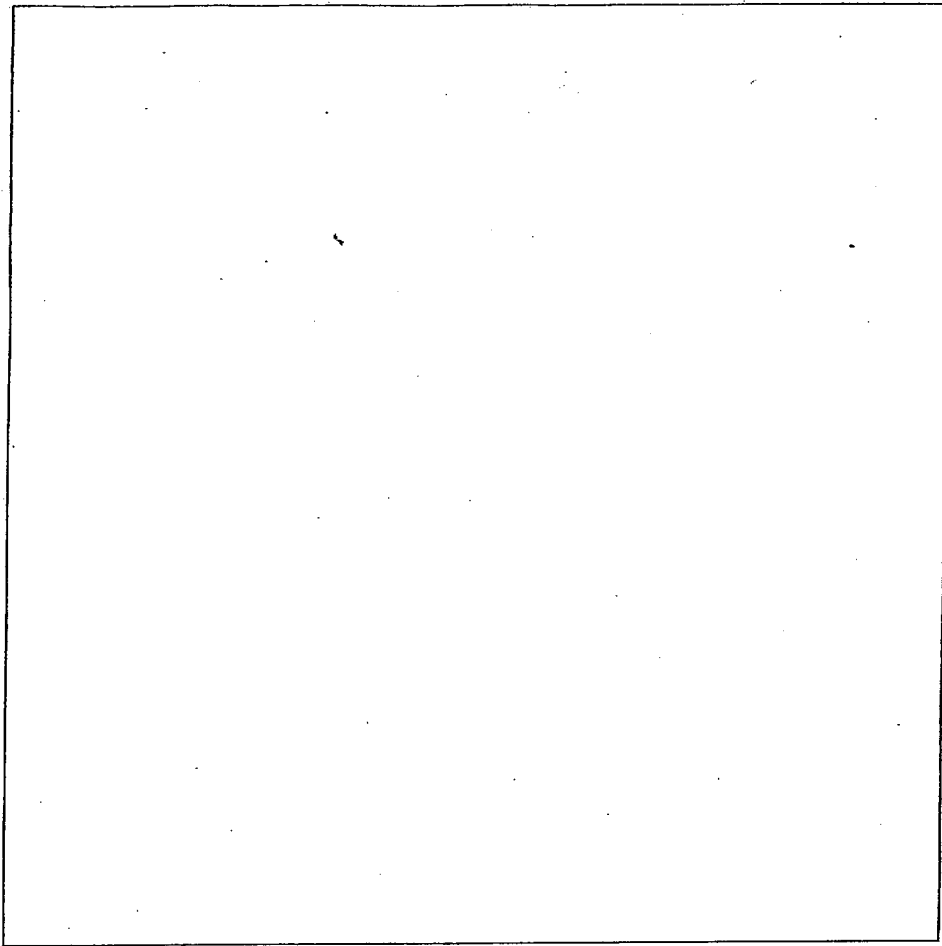
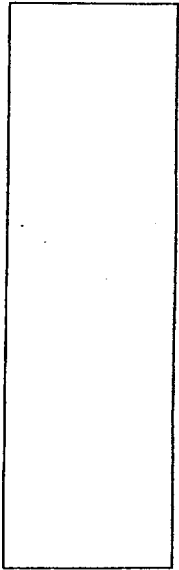
PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 50 GRID 12 PARCEL(S) 103 PROPOSED LOT SIZE 9.1 AC ±

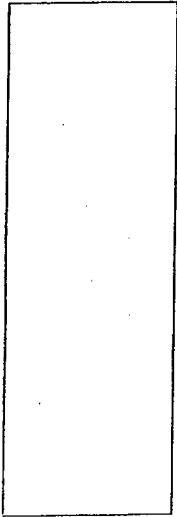
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H. 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) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H



RECEIVED
HOWARD COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH

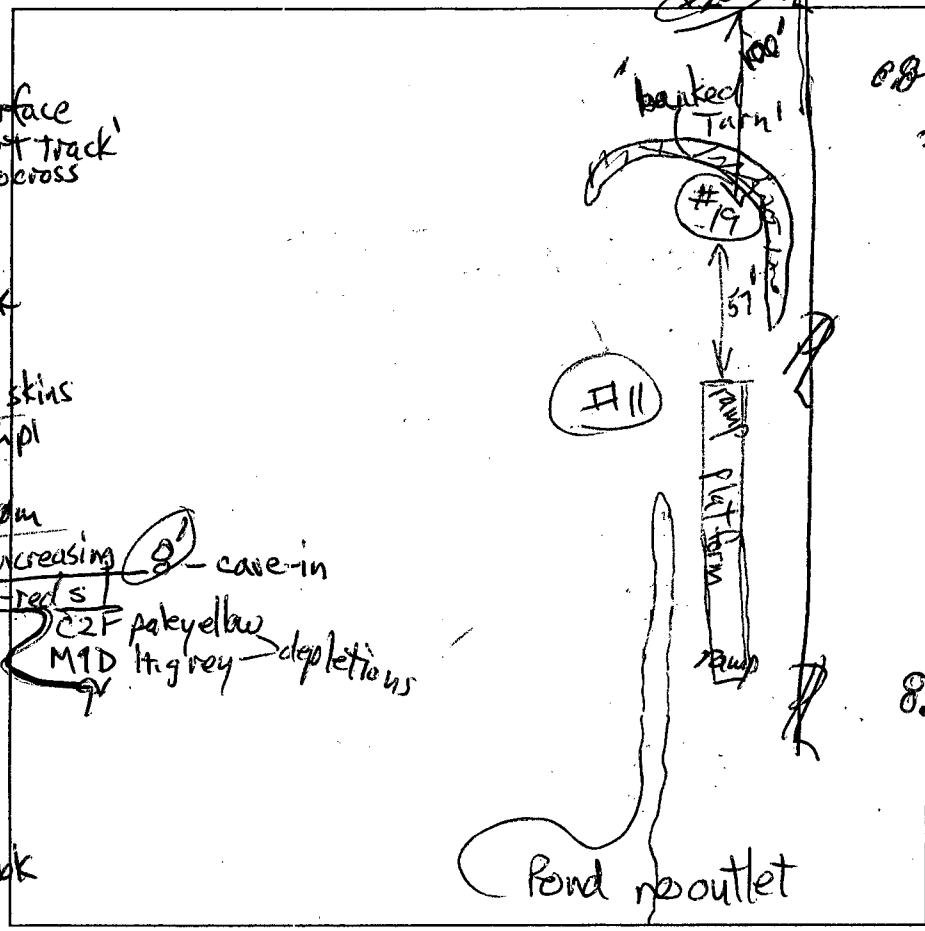
2010 FEB 25 PM 4:00

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

AP

#19
 Original surface removed - 'dirt track' motorcross
 0' yel brn to red brn
 1' scl + 2fsbk to 2msbk
 2' red-brn scl
 2 m pl clay skins
 3' yel red heavily many mica
 4.5' yel-red sl om
 moisture increasing
 8' pale brn & yel-red s
 grey s
 9' many mica
 10' +

#20
 0.4' dk brn scl 2 fs
 yel brn scl 2fsbk
 1.7' yel-red sl heavy 1msbk
 2.5' yel-red sl many mica 1epi
 5' yel-red sl om few black grains
 8.0' pale brn sl
 w/m 1# yel-red & red-yel
 many fine grey grains
 water seep at 8.2'
 8.8'



#11
 0.8' brn sl many mica
 2.8' yel-red sl
 yel-red sl
 C2D dk. brn striations
 pale brn sl with C1d yel-red & C2d grey
 water seeps at 5.2'
 7.7' cave-in
 grey sl w/ m 1D red yel & yel-red
 MID dk brn (Mn)
 8.8'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/31/10	19	5.5' / 8'	11:28	11:44	12:00	16	P with 4' buffer
reshelf	19	4.3' / 8'	12:05	12:20	12:36	16	F
3/31/10	11	5.2'	seasonal water table indicators at 4'				Morphology & water seeps
3/31/10	20	3.7' / 8'	1:22	1:28	1:38	10	F
3/31/10	16	16"	Visual	perched water sticky sc			Fail

#16
 dk brn sl
 f. if grey
 16"
 yel-brn scl sticky
 22"
 pale yellow
 C1 & li. grey
 27"

REMARKS Proposed Lot 5 was not evaluated
 SANITARIAN RB BACKHOE Juan OTHERS Bud & Buddy Crocker
 TEST HOLES USED IN SDA 19 & 20 AVG. PERC TIME Ms. Larson SQ. FT/HR
 TRENCH WIDTH 20x3 INLET DEPTH 2 MAX. BOT DEPTH 8 EFFECTIVE S/W 1

APPLICATION

PERCOLATION TESTING

A 51063

P _____

DISTRICT _____

DATE _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER PATRICIA L. BOYER

ADDRESS P.O. BOX 322
BROOKVILLE, MD. 20833 PHONE (410) 989-9727

AGENT OR PROSPECTIVE BUYER W. KEITH BOYER

ADDRESS 8720 CHURCH RD.
RANDALSTOWN 21133 PHONE (410) 868-8010

PROPERTY LOCATION:

SUBDIVISION PATRICIA L. BOYER PROPERTY LOT NO. ~~516~~ 516 *March 29 2010*

ROAD AND DESCRIPTION HOBBS RD (WEST SIDE)
1000' ± NORTH OF BURNT WOODS RD.

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3.2 AC ± TYPE BLDG. SINGLE FAMILY DWLG.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

1, 2, 9, 8

9.0
or
brown
silclm

2.0
brn
silclm

10.0
dull
mottled
silclm
dry

3 4

no
distinct
clay
layer

change
color

brn
silclm

grey
mottles

@ unknown
depth

no
color
change

5

orange
brown
silclm

dull
brn
silclm

deposits
of Mg

on rocks

no clear
horiz
table

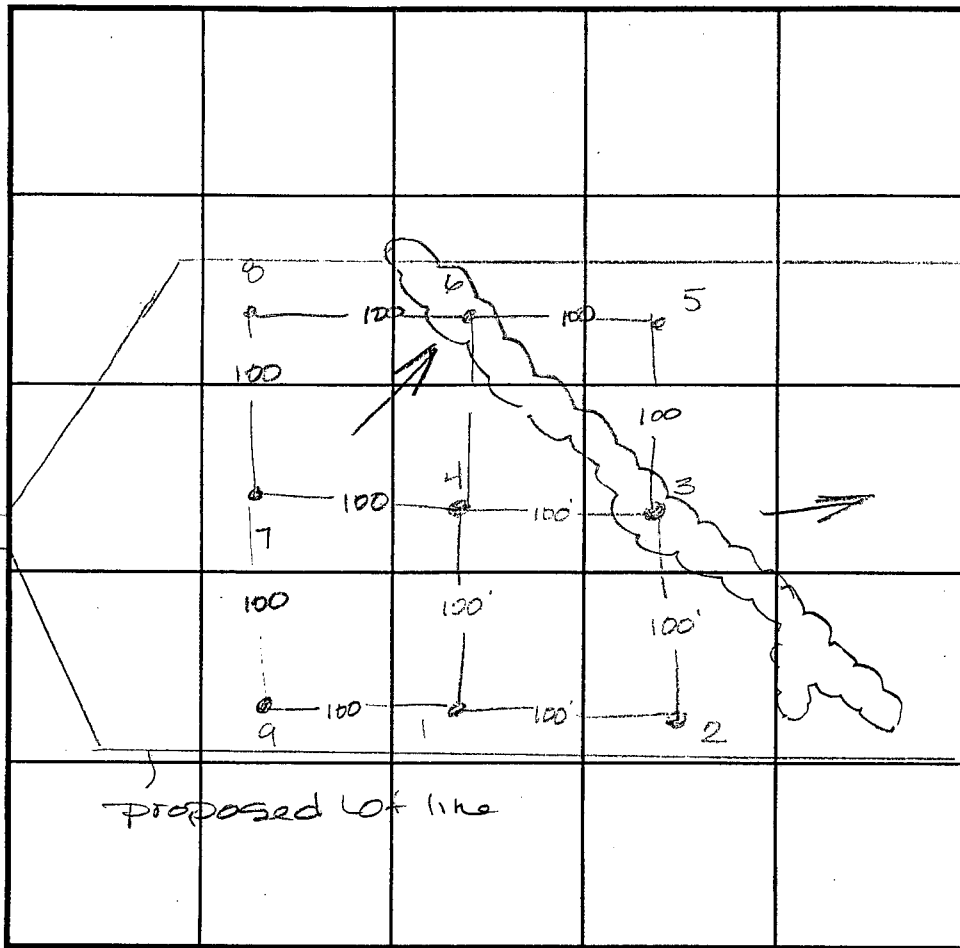
no
mottles

SOIL PROFILE

7

0'
bright
or
sil
↓
some
mottles

12.0



proposed lot line

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-19-98	1	2.0 V12.0	12:46	12:43	12:43	12:52	9min
	2	2.0 V12.0	12:50	12:52	12:52	12:55	3min
	3	3.0 V12.0	1:00	1:04	1:04	1:07	3min
	4	Visual	Hold for wet season				—
	5	Visual	Hold for wet season				—
	6	3.5 V11.0	1:15	1:30	1:30	1:50	20min
	7	3.5 V11.0	1:45	1:50	1:50	2:00	10min
	8	Visual	-hold for wet season				—
	9	Visual	-hold for wet season				—

REMARKS

TYPE OF SOIL

TESTED BY Amy McMullen

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

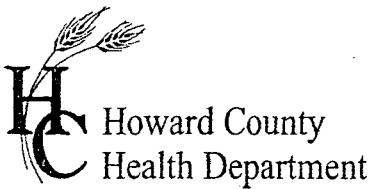
MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

12.0

2.0

11.0



APPLICATION

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00:11:00

PROPERTY OWNER(S) PATRICIA L. BOYER.

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 2857 GLENWOOD SPRINGS GLENWOOD MD. 21784
STREET CITY/TOWN STATE ZIP

APPLICANT CHARLES R. CROCKEN & ASSOC. INC.

DAYTIME PHONE 410-549-5780 CELL _____ FAX _____

MAILING ADDRESS 902 'LEE AVE SYKESVILLE MD. 21784
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME THE PATRICIA L. BOYER PROPERTY LOT NO. 7

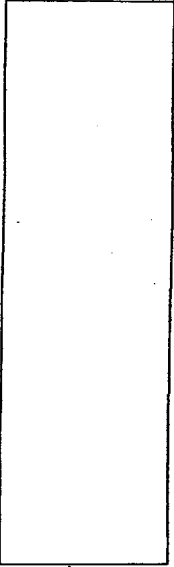
PROPERTY ADDRESS _____ STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 50 GRID 12 PARCEL(S) 103 PROPOSED LOT SIZE 3.3 AC.

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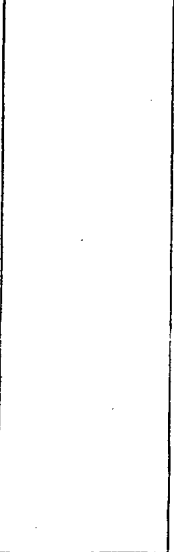
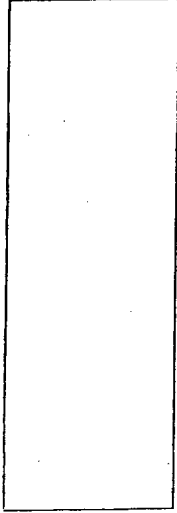
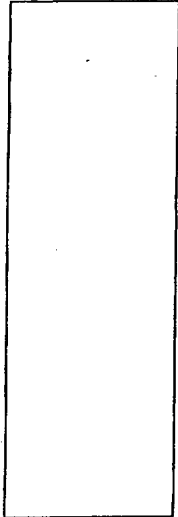
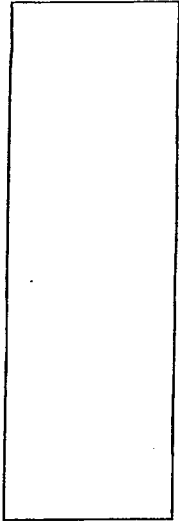
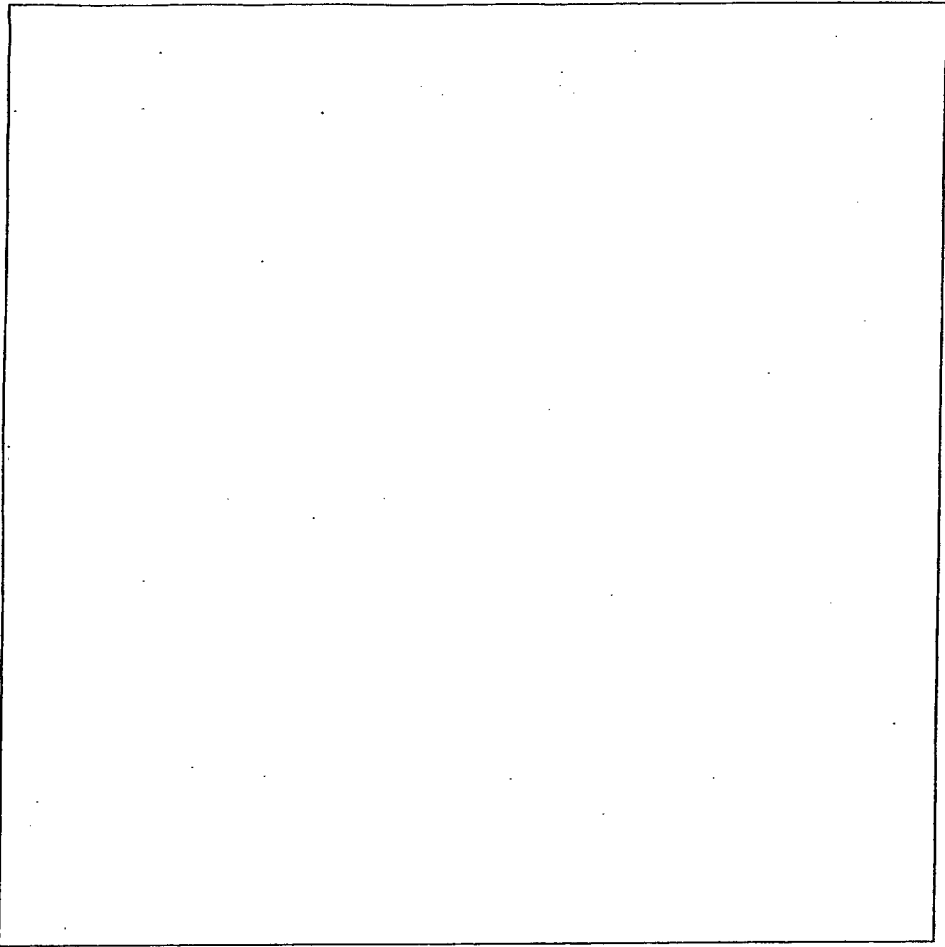
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SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



RECEIVED
HOWARD COUNTY HEALTH DEPT
ENVIRONMENTAL HEALTH

2000 FEB 25 PM 4:00



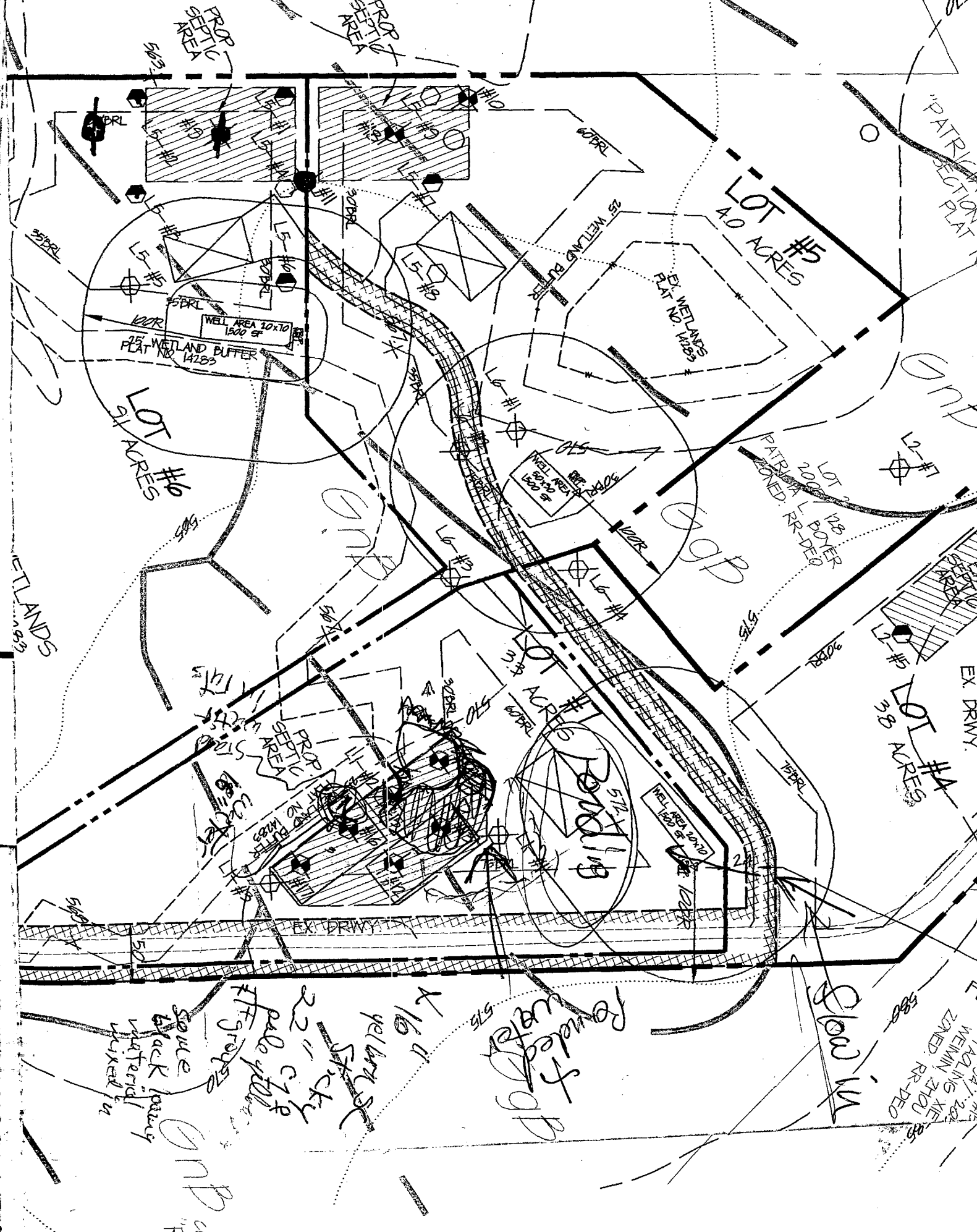
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REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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



PROP SEPTIC AREA
 5653

PROP SEPTIC AREA

LOT #5
 4.0 ACRES

"PATRICIA SECTION PLAT N"

WELL AREA 10x10
 1500 SF
 PLAT NO. 14283

LOT #9
 5.1 ACRES

WELL AREA 10x10
 1500 SF
 PLAT NO. 14283

LOT #12
 2.00 ACRES
 BOYER
 ZONED RR-DEO

LOT #11
 3.8 ACRES

Ponding

22" c/s
 pale yellow
 17F gypsum
 some black sandy material mixed in
 yellow soil
 Stacky

powdery water g/b

Shed in

7934 #14
 ZONED RR-DEO
 202
 MENMIN

ONP