

APPLICATION

PERCOLATION TESTING

A NO FEE

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 5/30/02

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Buice Prop. Sec 1 LOT NO. 12

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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

NOT TO SCALE

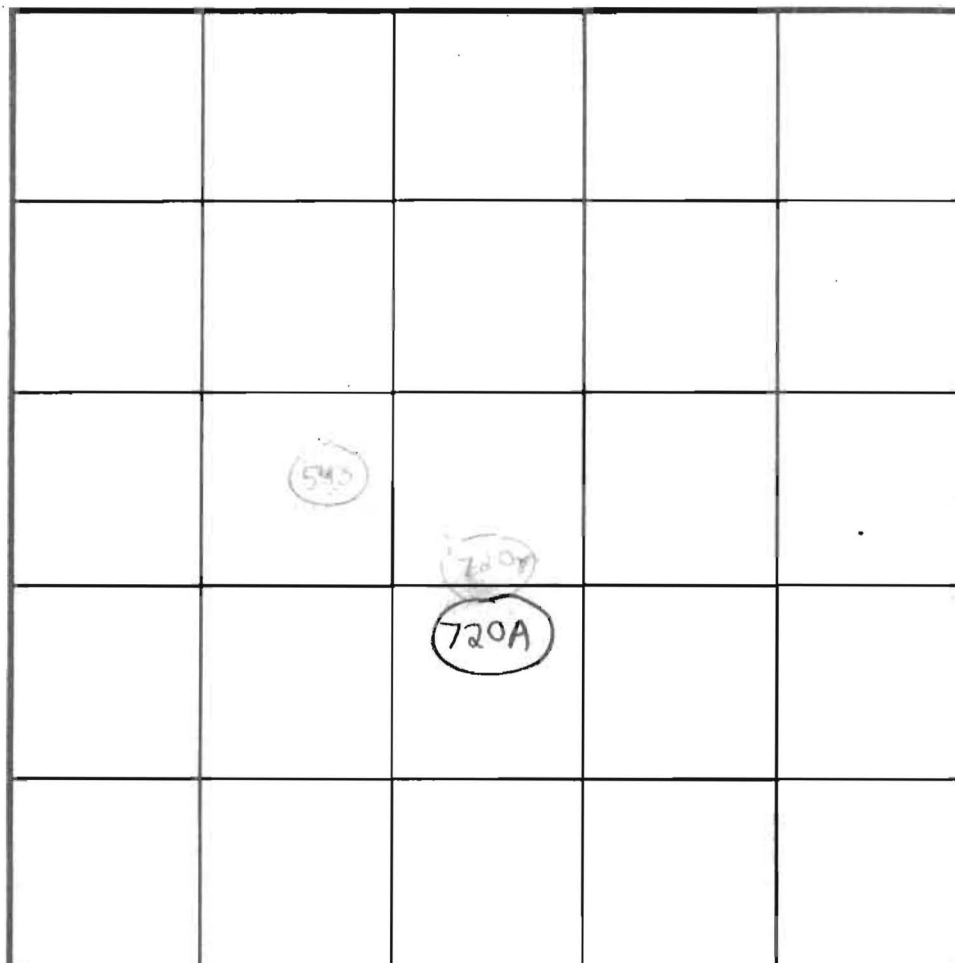
COUNTY #

SOIL PROFILE

0' 720A
red-brn
silt
lm
3'
red-brn
fine
sandy
lm
10-15%
ROCK
FRAGS
11' ROCK
POCKET
10-20%
13'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/30/02	720A	4' T 13' V	3:49pm	3:53pm	3:53pm	4:03pm	10min	OK

REMARKS Tests in Woods -TYPE OF SOIL Glendy / ManorTESTED BY SRK, John Boris & Barry Glotfelty ALSO PRESENT Bob Buice, Willie Snowden, John Kerns, Little Mike JohnsonTRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH 3INLET DEPTH 2 MAXIMUM BOTTOM DEPTH 4' SQ FT/BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 59935 F

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 4/13/98

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 ROBERT P. BUICE

ADDRESS 7979 MUNCASTER MILL ROAD PHONE 410-975-0200

AGENT OR PROSPECTIVE BUYER DONALD R. REWEE LAND DESIGN & DEV INC.

ADDRESS 10805 HICKORY RIDGE ROAD PHONE 410-740-2100

PROPERTY LOCATION: COLUMBIA, MD 21044

SUBDIVISION BUICE PROPERTY Sec 2 LOT NO. 12

ROAD AND DESCRIPTION EAST SIDE OLD ROXBURY ROAD

JUST EAST OF INTERSECTION OF RT 97 & ROXBURY MILL ROAD

TAX MAP 21 PARCEL # 84 GRID 20

SIZE OF LOT ONE ACRE TYPE BLDG. SF D
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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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. DONALD R. REWEE JR
(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

59935 F

COUNTY #

SOIL PROFILE

0' 542

orange
red
clay
1m

4.0'

red/
brown
scm
10%
shale

11.0'

543

orange
clay
loam

4.0'

beige
orange
scm
15%
rock
frags

11.0'

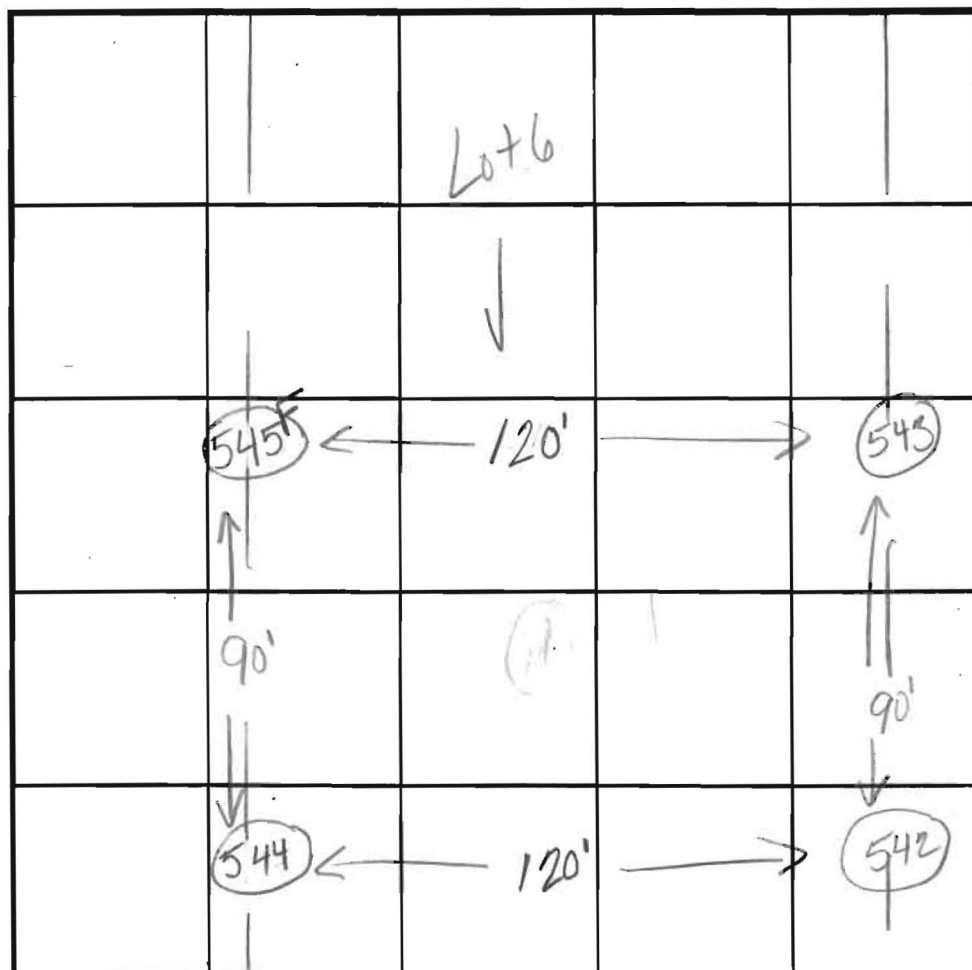
544

red/or
clay
loam

4.0'

orange
brown
scm
15%
rock
frags

11.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 545

or/red
scm
↓
rock
outcrop
5.0'
greater
than
50%
↓

9.0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6.3.98	542	4.5'S	3:3820	3:4040	3:4040	3:4640	6 min
		11.0'D	visual	ok -	see profile		
	543	4.0'S	3:4910	3:52	3:52	3:5630	430
		11.0'D	visual	ok -	see profile		
	544	4.0'S	3:23	3:27	3:3430	3:42	730
		11.5'D	visual	ok -	see profile		
	545	9.0'D	visual	only -	FAILED (Rock)		F

REMARKS

test holes staked by surveyor

TYPE OF SOIL

Glenelg Manor

TESTED BY

Kim Maiste

ALSO PRESENT

Mike + Sam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

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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 Robert Buice

ADDRESS 7979 Muncaster Mill Rd PHONE 410-975-0200

AGENT OR PROSPECTIVE BUYER Donald Reuver

ADDRESS 10805 Hickory Ridge Rd PHONE 410-740-2100

PROPERTY LOCATION: Columbia

SUBDIVISION Buice, Sec 1 LOT NO. 12

ROAD AND DESCRIPTION Old Roxbury Rd.

TAX MAP 21 PARCEL # 84 Grid 20

SIZE OF LOT _____ TYPE BLDG. _____

(SINGLE FAMILY DWELLING OR COMMERCIAL)

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Donald Reuver
(SIGNATURE OF APPLICANT)

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

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0'

red/br
cl 1m

3.5'

pale
orange
tan to
beige
silt
10%
rock
frags

11.5'

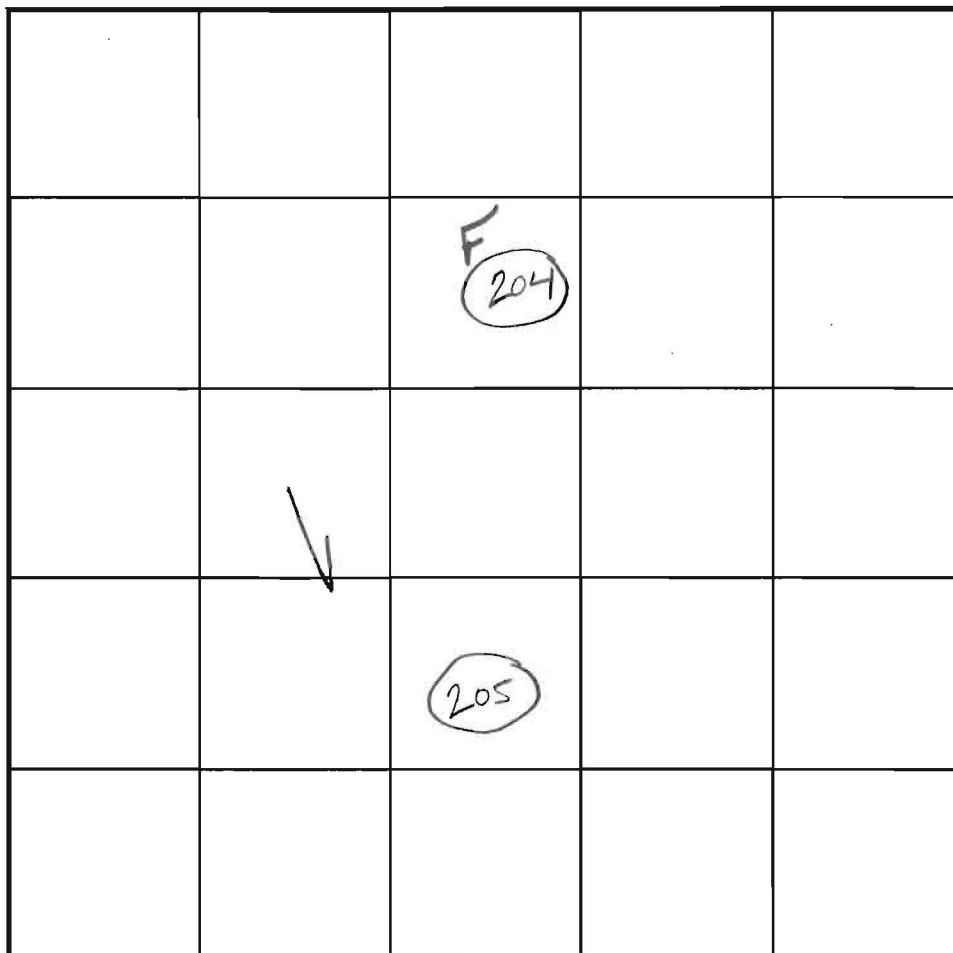
204

orange
brown
cl 1m(indeterminate
where
clay ends)orange
grey
silt
50% rock

9'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2.19.99	205	11.5'D	Visual ok. - see profile					
	204	9.0'D	Visual see profile →					F

REMARKS test holes staked

TYPE OF SOIL Gleanly & Manor

TESTED BY Kim Maiste

ALSO PRESENT Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM

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P _____

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BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 4/13/98

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ADDRESS 7979 MONCASTER MILL ROAD PHONE 410-975-0200

AGENT OR PROSPECTIVE BUYER DONALD R. REWICK LAND DESIGN & DEV INC.

ADDRESS 10805 HICKORY RIDGE ROAD PHONE 410-740-2100
COLUMBIA, MD 21044

PROPERTY LOCATION:

SUBDIVISION BUICE PROPERTY, Sec 1 LOT NO. 12

ROAD AND DESCRIPTION EAST SIDE OLD ROXBURY ROAD

JUST EAST OF INTERSECTION OF RT 97 & ROXBURY MILL ROAD

TAX MAP 21 PARCEL # 84 GRID 20

SIZE OF LOT ONE ACRE TYPE BLDG. SF D
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT)

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

THIS IS NOT A PERMIT

59935L

COUNTY #

SOIL PROFILE

0' 720

orange/
brown
Cl 1m

orange/
red/brown
silt 1m
10%
shale
frags

11'

721

pink/
orange
silt 1m
greater
than
50%
shale
frags

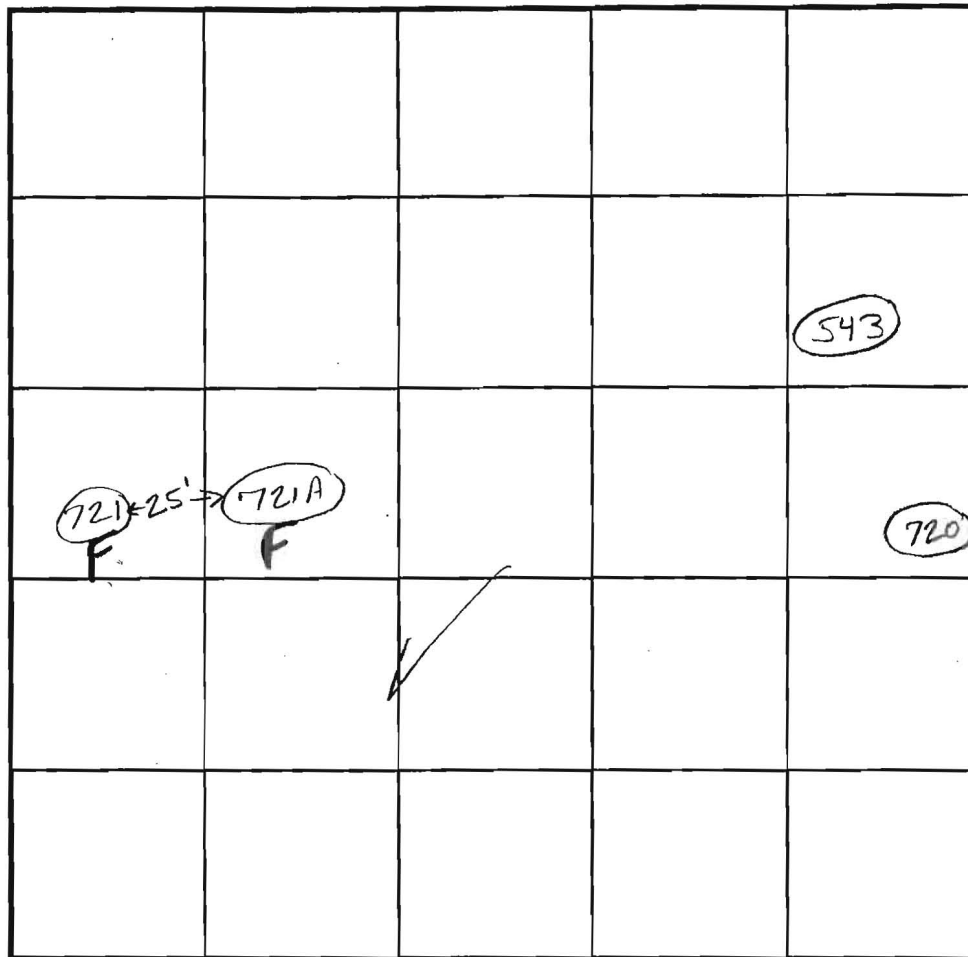
7.5'

721A

or/br
Cl 1m

decayed
feldspar
greater
than 50%
boulders
at 5.5'

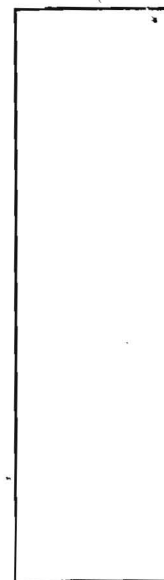
10'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/29/98	720	11.0'D	visual	ok	- see profile		
	721	7.5'D	FAILED DUE TO ROCK				
	721A	10.0'D	FAILED DUE TO ROCK				

REMARKS _____

TYPE OF SOIL _____

TESTED BY Glencly & Manor ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

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P _____

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

DISTRICT _____

DATE 10/3/01

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Buice Property, Sec 1 LOT NO. 12

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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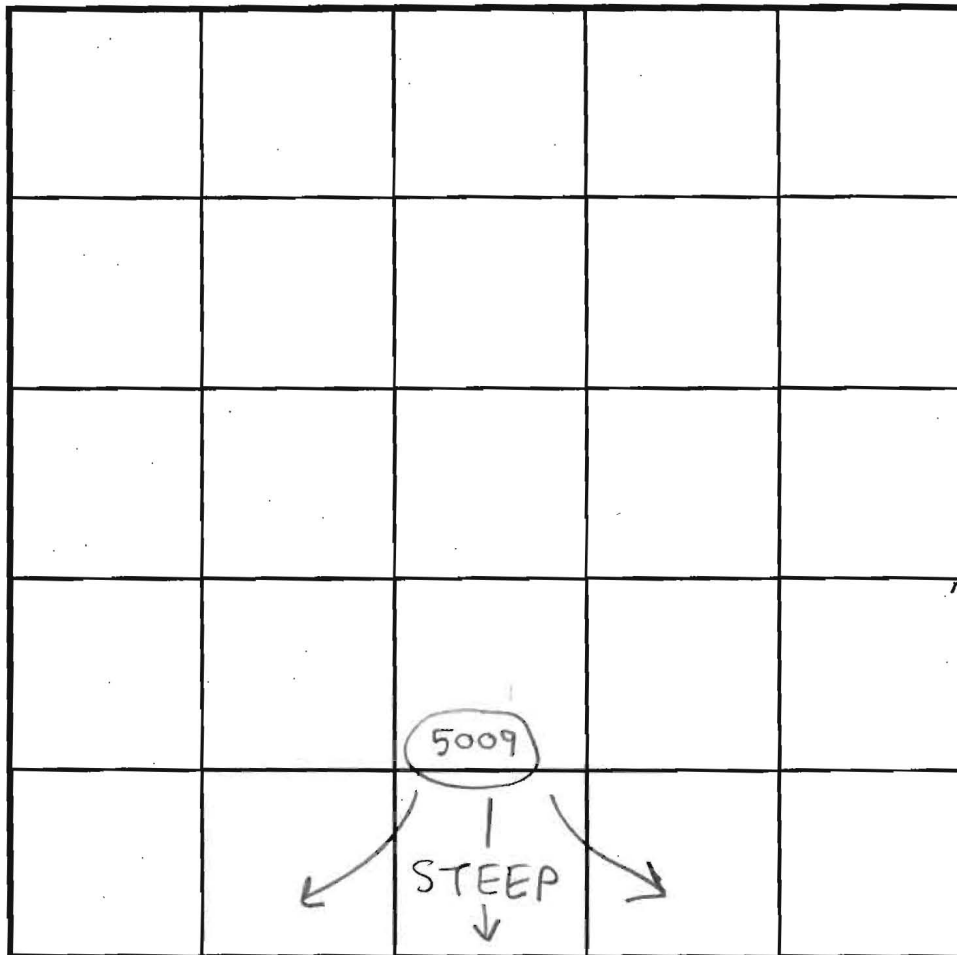
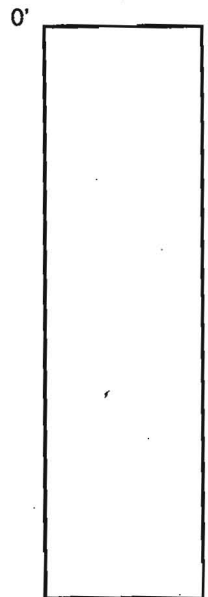
THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' brown
topsoil
6" red-brown
sandy loam
2' tan-fine
sandy
loam
0-10%
ROCK
FRAGS
8-9' dark brn
quartz
frags
w/ Manganese
concretions
30-40%
ROCK
13' HARD

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/3/01	5009	5'6" T 13' V	11:40am	11:41am	11:41am	11:42am	1min
		Repour	11:42am	11:44am	11:44am	11:46am	2min
		(ROCK FRAGS DO NOT BEGIN					
		UNTIL 8' OUT OF TREATMENT					
		ZONE)					

Fails

On

REMARKS

TYPE OF SOIL Manor

TESTED BY SRK

Willie = Operator

ALSO PRESENT

Bob Sheesly

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

3'

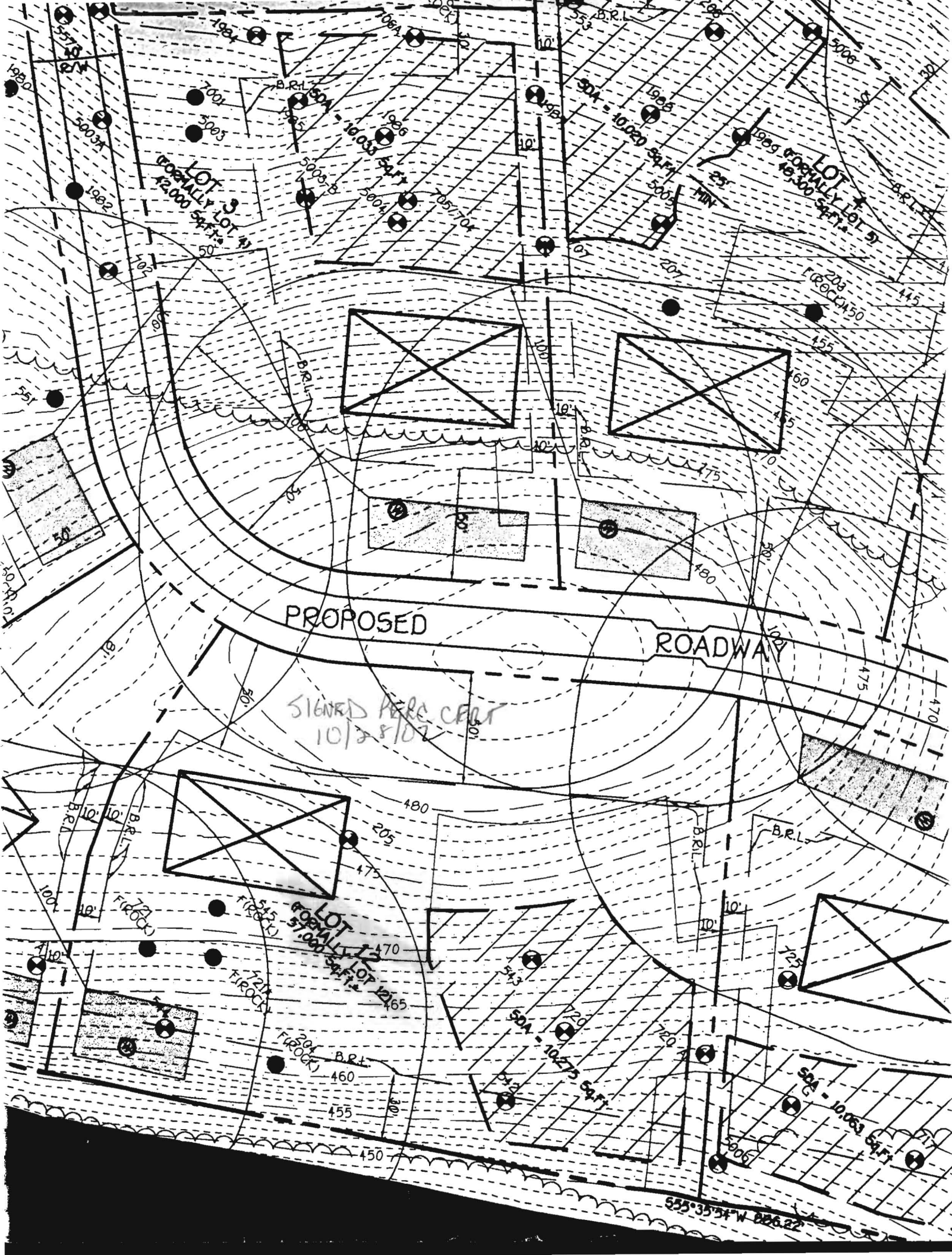
INLET DEPTH

2

MAXIMUM BOTTOM DEPTH

4'

SQ. FT./BEDROOM



Lot 128 Holes

5009	✓	P	
720	✓	P	-
542	✓	P	-
543	✓	P	-
205	✓	P	
545	✓	F	
721A	✓	F	
204	✓	P	
544	✓	P	
721	✓	F	
720A	✓	P	-

} IN SDA

SHALLOW SYSTEM

ONLY

4' BOTTOM MAX

EX-DEWEY TO REMAIN
FOR FARM USE

PARCEL 22
PLAT NO. 5999, "POND PROPERTY"
LOT 5
WILLIAM R. DENARCO
DEBORAH A. DENARCO
LIBER 2945, FOLIO 482
4.105 AC.±

470
EX. SEPTIC AREA

P 02 20
210000 4103

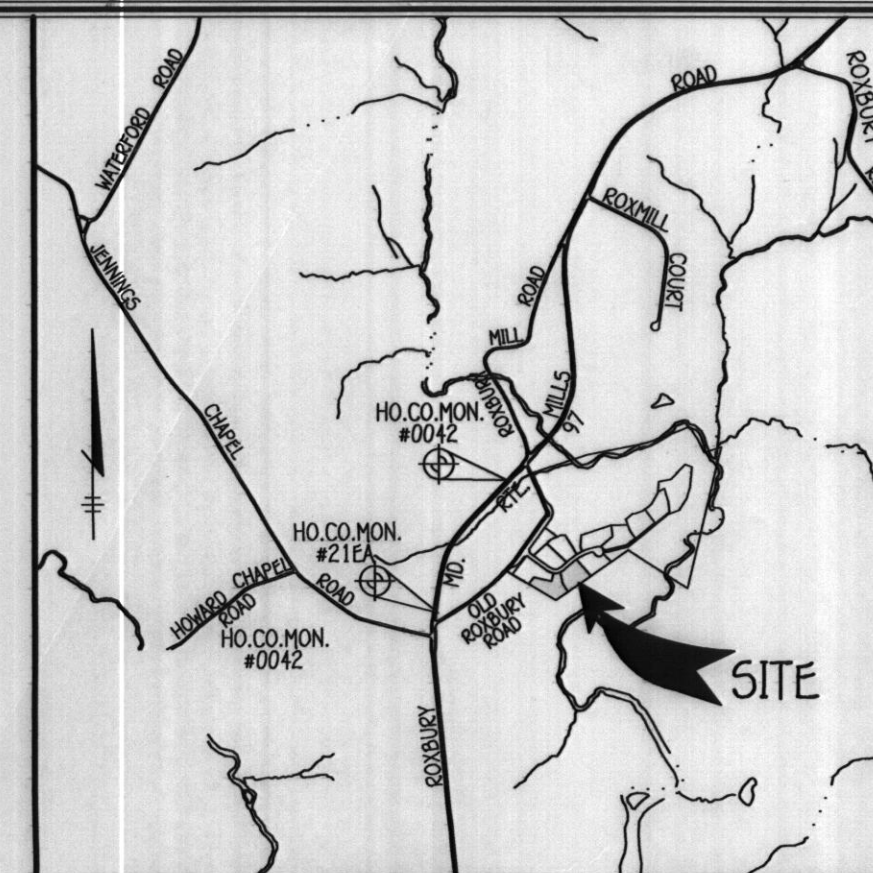
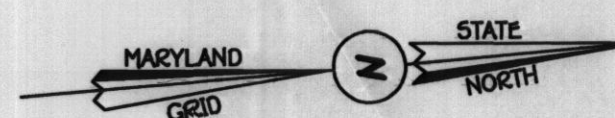
LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- GLB2
MLC2 SOIL LINES AND TYPES
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA ARE NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- TOPOGRAPHY SHOWN HEREON IS BASED FIELD RUN SURVEY, SUPPLEMENTED WITH HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
- BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED IN AUGUST, 2002 BY FISHER, COLLINS & CARTER, INC.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- PLAT REFERENCE: #10200-10210.
- THE PURPOSE OF THIS PLAN IS TO ABANDON THE EXISTING WELL BOXES AND SHOW THE EXISTING WELL AND 2 ALTERNATE WELL LOCATIONS FOR WHAT IS NOW LOTS 8 AND 9 AND TO UPDATE THE COMMON LOT LINE BETWEEN LOTS 8 AND 9 TO BE CONSISTENT WITH THAT SHOWN ON THE RECORDED FINAL PLAT.

PARCEL 22
PLAT NO. 5999,
"POND PROPERTY"
LOT 3
WILLIAM R. DEMARCO
DEBORAH A. DEMARCO
LIBER 2945, FOLIO 482
4.105 AC.*



VICINITY MAP

SCALE: 1" = 2000'

SOILS LEGEND

SOIL	NAME	CLASS
GbB	Gladstone loam, 3 to 8 percent slopes	B
MaC	Manor loam, 8 to 15 percent slopes	B
McC	Manor-channery loam, 8 to 15 percent slopes	B
MkF	Manor-Brinklow complex, 25 to 65 percent slopes, very rocky	B

NOTES:

- * Hydric soils and/or contains hydric inclusions
- ** May contain hydric inclusions
- † Generally only within 100-year floodplain areas

PERC 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.

Signature of Professional Land Surveyor
Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/13

8/29/13
DATE

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

Signature of County Health Officer
COUNTY HEALTH OFFICER

9/20/2013
DATE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461-2992

PERC RECERTIFICATION PLAT RIVERCREST LOTS 8 AND 9

TAX MAP #21 ZONED: RC-DEO PARCEL: 84
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: AUGUST 22, 2013

RECEIVED

2013 SEP 04 10:13

RECEIVED
HOWARD COUNTY HEALTH DEPT.