



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 530303

AGENCY REVIEW: _____

DATE 2/13/09

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 3 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) KEA CLEMENTS

DAYTIME PHONE 301-748-0608 CELL 301-831-5004 FAX 301-829-9425

MAILING ADDRESS 951 P.O. Box 293 MT. AIRY MD 21771
STREET CITY/TOWN STATE ZIP

APPLICANT KEA CLEMENTS

DAYTIME PHONE 301-748-0608 CELL _____ FAX _____

MAILING ADDRESS P.O. Box 293 MT. AIRY MD 21771
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME CLEMENTS PROPERTY LOT NO. _____

PROPERTY ADDRESS 951 RIDGE RD TOWN/POST OFFICE _____
STREET

TAX MAP PAGE(S) MAC GRID _____ PARCEL(S) 106 PROPOSED LOT SIZE _____

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.

Hannah J. Clements
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

A/P _____

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

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

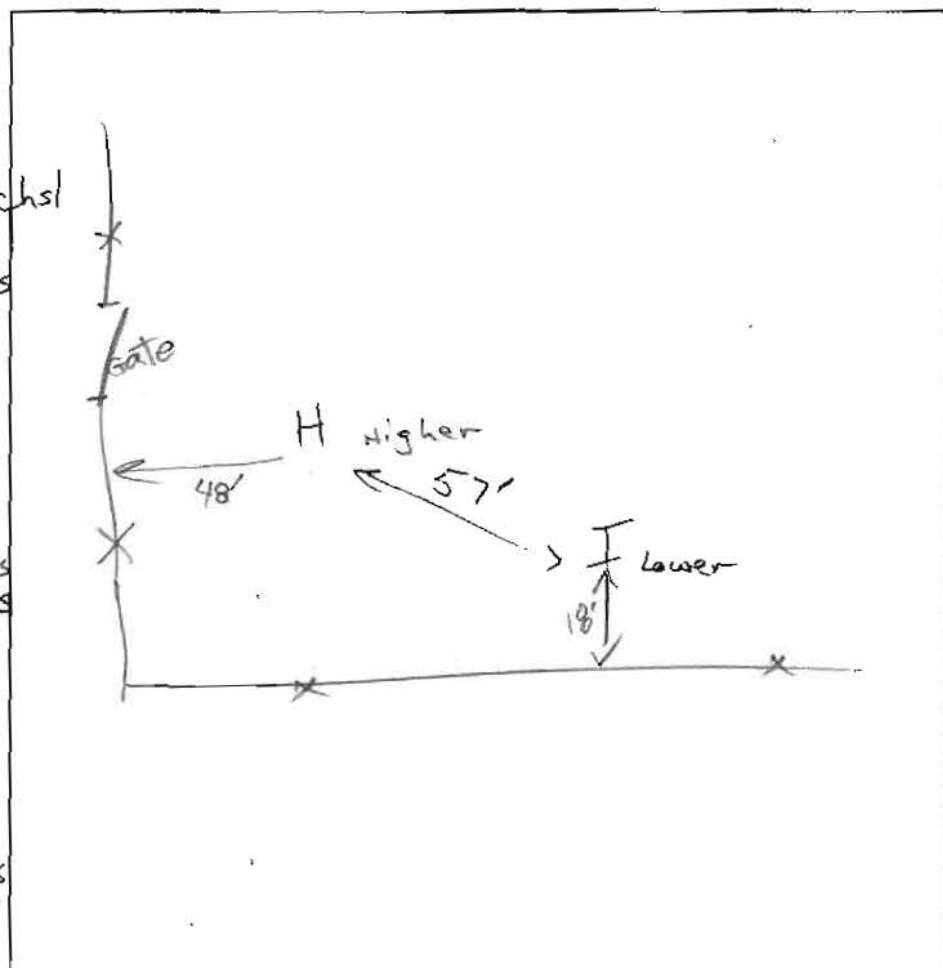
TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

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

A/P _____

I

0.2' brn loam
 2' brn cl
 3' dense yel/red chsl
 3' yel-red chsl
 30% channers
 5' brn flst
 35% frags
 7' brn v flst
 45% frags
 9' >50% boulders
 1 brn ls & stoas
 10'



0.4' brn loam
 2.5' brn cl
 sticky, gravels
 yel brn
 chsl
 sticky
 3.5' yellow &
 red loam
 10% channers
 6.5' brn yel vchsl
 45% channers
 9'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/1/08	14	5' 9"	3:13	3:17	3:25	8	
10/1/08	15	3' 5" / 9'	3:15	3:18	3:24	6	

REMARKS _____

SANITARIAN _____

BACKHOE _____

OTHERS _____

TEST HOLES USED IN SDA _____

AVG. PERC TIME 7SQ. FT/BR 187.5TRENCH WIDTH 3INLET DEPTH 3MAX. BOT DEPTH 5EFFECTIVE SW 1.5

133'

MOUND TEST DATA SHEETS

Property I.D. 951 Ridge Rd. Lot # _____ Date 10/1/08

Sanitarian RB/50 Landscape Position Side slope (pasture)

% Slope 8 Soil Type _____ Contractor _____

HOLE # F DEPTH OF TEST 22" START TIME 2:17

brn loam
2 f sbk 3' 3"
brn loam
2 msbk
sticky
few gravel
brn-yellow
gravelly cl
sticky
brn-yellow
gravelly s
dense

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
9 16/16	Begin	—	—	
9 8/16	5	8/16		
9 1/16	5	7/16		
9 1/16	7	6/16		
9 8/16	3	3/16		
8 15/16	5	6.5/16		
7 14/16	5	3.5/16		
7 10/16	5	4/16		
7 6/16	5	4/16	$\times 12 = 48/16 = 3 1/4$	

9/16 or 4.5/16/5 min
2:52

Begin equilibration at 1:58

HOLE # G DEPTH OF TEST 13" START TIME 2:20

brn loam
2 f sbk 3"
brn loam
2 msbk sticky
<10% gravel
brn-yellow
gravelly cl
20% sticky
1 f sbk
brn-yellow
grs

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
9 16/16	Begin	—	—	
9 14.5/16	5	1.5/16		
9 14.5/16	5	0/16		
9 14/16	5	0.5/16		
9 13/16	5	1/16		
9 13/16	5	1/16		
9 12/16	5	1/16		
9 12/16	5	1/16	$0.5 \times 2 = 1/16$	

2:50

Begin equilibration at 2:10

A/P _____

A
 dk brn loam
 yel-brn grcl 20% gravel
 2.5' red-yel
 grsl (heavy)
 35%
 6' red-yellow
 Nflsl
 50% flags
 7.8' R gravel

D
 0.4' dk. brn loam
 yel-brn cl
 3' yel-brn loam
 10% gravel
 4' coarse platy
 saprolite
 sil. black & grey
 clay coatings
 5' lt. grey ch. l.
 10% stone
 20% channers
 8.5' interbedded
 saprolites
 grey & brown
 loam
 30% stones
 & flags
 primarily
 quartzite
 & phyllite
 12' stopped
 digging
 (not R)

C
 0.2' dk brn loam
 yel-brn
 grcl
 1.8' yel brn
 vgrsl
 2' 50%
 flags
 gravel
 3' R

B
 0.4' dk brn loam
 yel-brn grcl
 1msbk
 2' yel-brn grsl
 30% gravel
 2.5' yel-brn
 vgrsl
 50% gravel
 3' stone
 R

E
 0.2' dk brn loam
 yel brn cl
 1.8' yel brn loam
 3' black & lt. grey
 sil
 4' grey shale
 >50%

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/1/08	A	25' 8'	11:17	11:32	12:27		
	D	44" 12'	12:56	1:07	no more went pulled		
	reshelf D	68" 12'	1:16				

REMARKS AB & C slope $\approx 20\%$

SANITARIAN SD/RB BACKHOE Ben OTHERS Justin/Homewood

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

**FISHER, COLLINS
& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS**

Terrell A. Fisher, P.E., L.S.
Earl D. Collins, P.E.
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.

February 20, 2009

Howard County Health Dept.
7178 Columbia Gateway Dr.
Columbia, MD 21046

RE: Perc Application
Clements Property

Dear Sara:

On behalf of our client, our office has prepared the enclosed drawing entitled "Perc Application Plat -Clements Property" dated February 20, 2009.

We would appreciate scheduling the perc testing for these lots at your earliest opportunity.

Very truly yours,
Fisher, Collins & Carter, Inc.

Tony Fertitta

Tony Fertitta

Perc plan rejected

*Numerous uses on parcel
that do not have*

*septic easements, and percs
are proposed for only one residence*

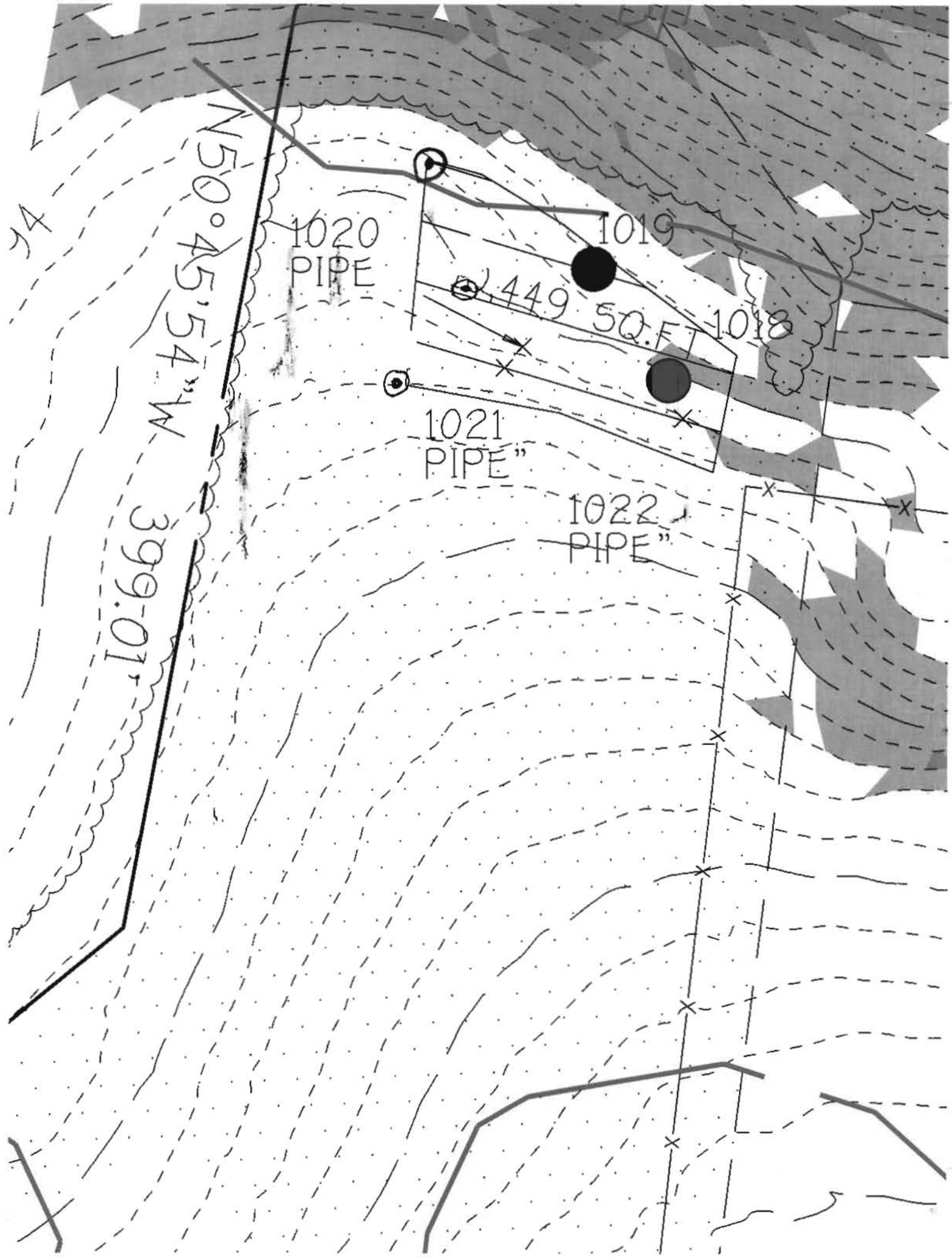
RB

(one use)

WO #71170

2-11-59

Robert is
familiar with
this property



LEGEND

- EXISTING 2' CONTOURS
----- EXISTING 10' CONTOURS
----- EXISTING TREE LINE
GLB2
HLC2
SOIL LINES AND TYPES
⊙ DENOTES PROPOSED WELL
○ DENOTES FAILED PERC
● DENOTES PASSED PERC
⊠ DENOTES PROPOSED HOUSE
▨ DENOTES 15%-24.9% SLOPES
▩ DENOTES 25% AND GREATER SLOPE
■ DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

GENERAL NOTES:

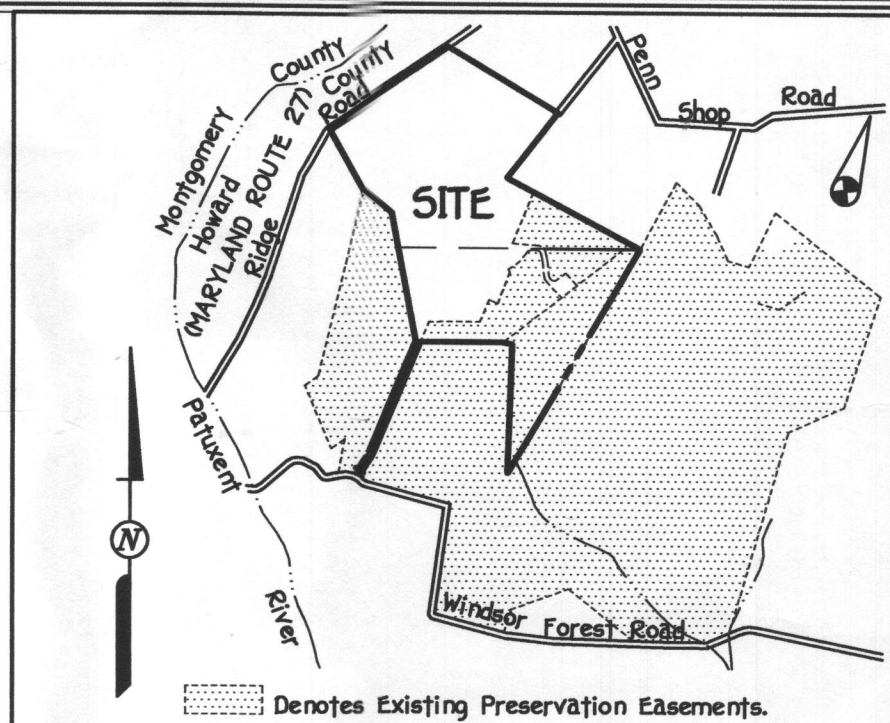
1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND 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.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPERS RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
7. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL.
8. BOUNDARY OUTLINE BASED ON FIELD RUN BOUNDARY SURVEY PERFORMED ON OR ABOUT JUNE, 1999 BY FISHER, COLLINS AND CARTER, INC.
9. PLAT REFERENCE 15945 THRU 15947

SOILS LEGEND

SOIL	NAME	CLASS
BrD	Brinklow channery loam, 15 to 25 percent slopes	B
BtF	Brinklow-Blocktown channery loams, 25 to 65 percent slopes	B/C
GmA	Glenville silt loam, 0 to 3 percent slopes	C
GnB	Glenville-Baile silt loams, 0 to 8 percent slopes	C
OcB	Occoquan loam, 3 to 8 percent slopes	B

NOTES:

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



VICINITY MAP

SCALE : 1" = 2000'

WINDSOR FOREST ROAD
(LOCAL ROADWAY)
EXISTING CENTERLINE OF ROADWAY

PRESERVATION EASEMENT
HELD BY WINDSOR FOREST
FOX CHASING HOA AND
HOWARD COUNTY,
MARYLAND

PROPERTY OF
ROBERT ARTHUR SCRANTON
LIBER 4051, FOLIO 311 &
LIBER 4571, FOLIO 446
TAX MAP 6, PARCEL 15
ZONED: RC-DEO

PROPERTY ENCUMBERED
WITH AN AMENDED PLAT
OF EASEMENT
PLAT No. 12625

PROPERTY ENCUMBERED
WITH A PLAT OF
EASEMENT FOR SENDING
PROPERTY DENSITY
EXCHANGE
PLAT No. 13454
PROPERTY OF
CHC DEVELOPERS
LIBER 11068, FOLIO 391
TAX MAP 6, PARCEL 4
ZONED: RC-DEO

PRESERVATION EASEMENT
HELD BY WINDSOR FOREST
FOX CHASING HOA AND
HOWARD COUNTY,
MARYLAND

PROPERTY OF
D.R. SNELL, LLC
LIBER 7208, FOLIO 190
TAX MAP 6, PARCEL 189
ZONED: RC-DEO

1.516 ACRES INCLUDED FOR
DENSITY CALCULATIONS BUT
EXCLUDED FROM
PRESERVATION EASEMENT

(MARYLAND
RIDGE ROUTE 27)
(MINOR ARTERIAL ROADWAY)

EXISTING CENTERLINE
OF ROADWAY

Property OF
KDBC, LLC
Liber No. 10649, Folio 560
(TOTAL AREA OF PROPERTY = 141.924 AC.)

PROPERTY OF
MICHAEL J. CREAMER AND
VICKY B. CREAMER, HIS WIFE
LIBER 1256, FOLIO 713
TAX MAP 6, PARCEL 126
ZONED: RC-DEO

PROPERTY OF
THE BROWNING FAMILY
REVOCABLE TRUST AGREEMENT
LIBER 6385, FOLIO 634
TAX MAP 6, PARCEL 13
ZONED: RC-DEO

PROPERTY OF
MICHAEL J. CREAMER AND
VICKY B. CREAMER, HIS WIFE
LIBER 1256, FOLIO 713
TAX MAP 6, PARCEL 126
ZONED: RC-DEO

MINOR SUBDIVISION PLAT
LOTS 1-3 & PRESERVATION
PARCEL "A"
YOUNG PROPERTY
PLAT NO. 19054

PRESERVATION
PARCEL "A"

PARCEL "A"
WINDSOR FOREST
(ENVIRONMENTAL
PRESERVATION
EASEMENT)
PLAT No. 5126

PARCEL "A"
WINDSOR FOREST
(ENVIRONMENTAL
PRESERVATION
EASEMENT)
PLAT No. 5126

PERC APPLICATION PLAT
CLEMENTS PROPERTY

TAX MAP *6 ZONED: RC-DEO

FOURTH ELECTION DISTRICT

SCALE: 1"= 200'

PARCEL: 106

HOWARD COUNTY, MARYLAND

DATE: FEBRUARY 20, 2009