



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AD 5 20012

AGENCY REVIEW: _____ DATE 1/2/2004

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 ONE:

- ☒ CREATE NEW LOT(S)
☐ BUILD ON AN EXISTING LOT IN A SUBDIVISION
☐ BUILD ON AN EXISTING PARCEL OF RECORD

CHECK AS NEEDED:

- ☒ NEW STRUCTURE(S)
☐ ADDITION TO AN EXISTING STRUCTURE
☐ REPLACE AN EXISTING STRUCTURE

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) LAWRENCE R & LOIS W HYMAN

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 3601 FOLLY QUARTER ROAD ELLICOTT CITY MD 21042-1452
STREET CITY/TOWN STATE ZIP

APPLICANT LAND DESIGN & DEV. LLC

DAYTIME PHONE 410 480 9105 CELL _____ FAX 410-480-0171

MAILING ADDRESS 8000 MAIN STREET ELLICOTT CITY MD 21043
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME CAMERON TRACT LOT NO. 2

PROPERTY ADDRESS CAMERON ROAD 21042
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 23 GRID 9 PARCEL(S) 29 PROPOSED LOT SIZE 1.5 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.

Lawrence R & Lois W Hyman
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

A/P

204

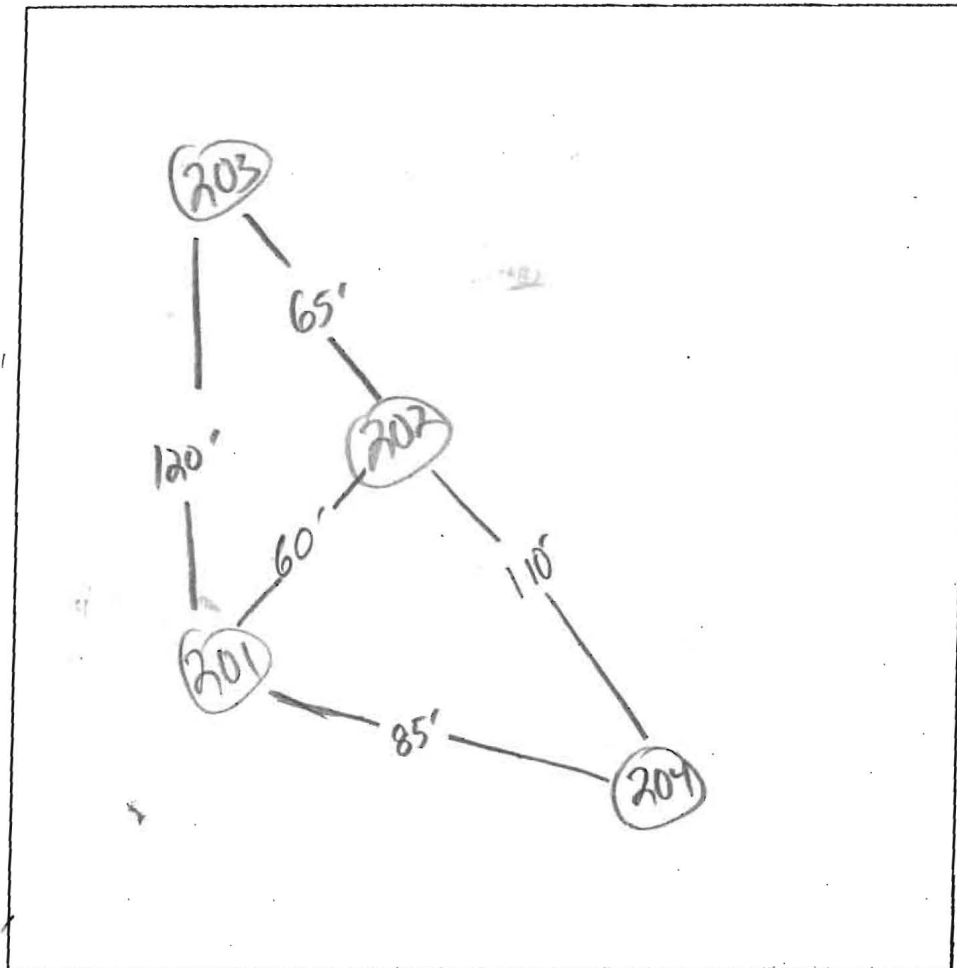
Brown loam	1'
Red/orange Clay loam	2'
Red/orange tan Si Cl loam	5 1/2'
tan/Brown micaceous sand	13'

201

Brown loam	1'
orange/Red Sandy Clay loam	4 1/2'
Red/orange Sand loam	8'
Tan/Brown sand	11'
Clayey water	10'

202

Brown/Black loam	1'
Red/orange Clay loam	6'
Orange/Red loam	13'



Brown/tan Clay loam

Red/orange Heavy clay

↓

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
1-22-01	204	5 1/2' / 13'	9:18	9:32	9:47	15 min	P
	201	5' / 12'	9:40	9:41	9:44	3 min	P
	202	5 1/2' / 13'	10:03	10:19	10:56	36 min	F
	203	7 1/2' / 13'	10:26	10:56	Pulled - Slow		F

REMARKS 202 + 203 → Red clays - Slow - All holes dug per plan

SANITARIAN KB BACKHOE OTHERS Mark Johnson

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

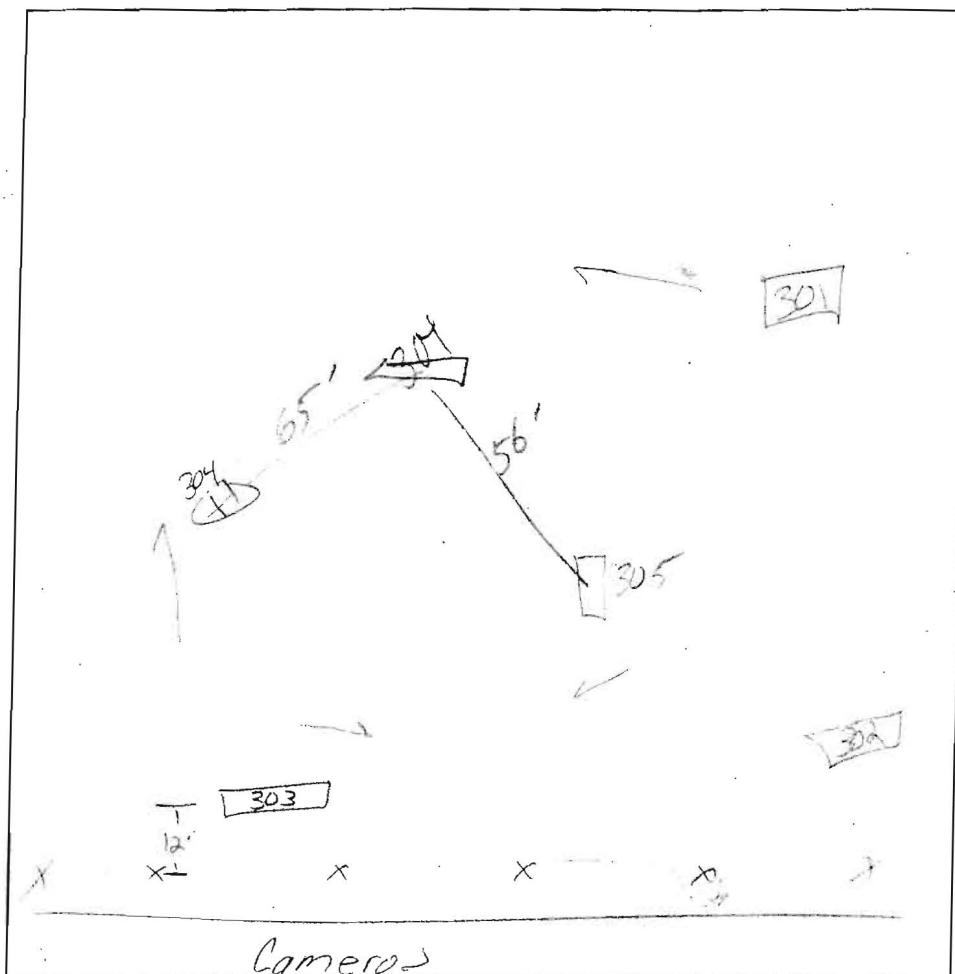
TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW

A/P

302
Brown
10AM
ORANGE
10AM
Brown/tan
gray
Sandy
10AM

301
Brown
10AM
Red/orange
Ss Clay 10AM
Brown/tan
orange
Sandy
10AM

305
Brown/Black
LOAM
Red/orange
SA Cl 10AM
Brown/tan
Orange
Sandy
10AM



303
Black, brown
10AM
Brown
Heavy Clay
10AM
Red/orange
Brown
Clay 10AM
tan/Brown
Ss clay
10AM
10% aggregate

304
Red/orange
Brown
Clay 10AM
Brown/tan
micaceous
sandy
10AM

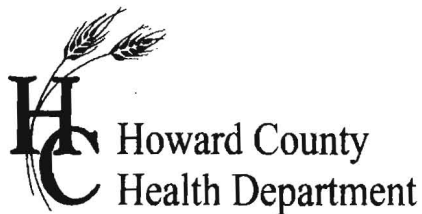
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
1-11-03	302	5' / 14'	10:51	10:54	10:58	4min	P
	301	5 1/2' / 13'	11:07	11:09	11:13	4min	P
	305	4 1/2' / 13 1/2'	11:20 Re-pour 11:24	11:21 11:26	11:22 11:29	1min 3min	F P
	303	5' / 13'	11:37	11:47	- Pulled slow	-	-
		6 1/2' / 13'	12:09	12:16	12:39	23min	P
	304	4 1/2' / 12'	12:13	12:16	12:19	3min	P

REMARKS #204 moved due to trees [Dip between 305+303] all holes dug per plan except

SANITARIAN KB BACKHOE OTHERS Mark Johnson 301

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

13 1/2 TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE S/W



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 _____ 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) Lawrence R & Lois W. Hyman

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 3681 Folly Quarter Rd Ellicott City MD 21042-1452
STREET CITY/TOWN STATE ZIP

APPLICANT Land Design & Dev. LLC

DAYTIME PHONE (410) 480 9105 CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Camera tract LOT NO. 2

PROPERTY ADDRESS Camera Road 21042
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 23 GRID 9 PARCEL(S) 29 PROPOSED LOT SIZE 1.5 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 OF APPLICANT _____

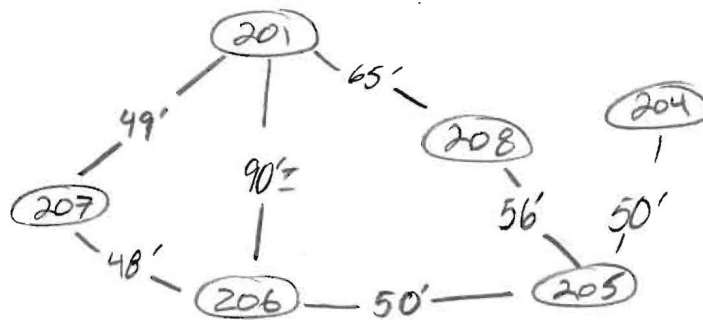
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P

205
Red / orange
Brown
SCI
2'
Brown / tan
gray
micaceous
SI
10-15 90
cobbly Rock
11 1/2'

206
Red / orange
SCI
3'
tan / Brown
SI
5'
Black / tan
Brown
micaceous SI
L 50%
Stony Rock
hard Bottom
12'

207
Red / orange
SCI
3 1/2' - 4'
Brown / tan
SI with
15 90
cobbly Rock
water
11 1/2'
12'



208
Orange / Brown
Red
SCI
3 1/2'
Brown / tan
micaceous
SI with
15% Chert
Rock
12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
2-3-04	205	4 1/2' / 11 1/2'	9:47	9:50	9:55	5min	P
	206	12'	- Visual -	< 50% Rock			F
	207	5' / 12'	11:09	11:10	11:13	3min	P
	208	5 1/2' / 12'	11:47	11:49	11:53	4min	P

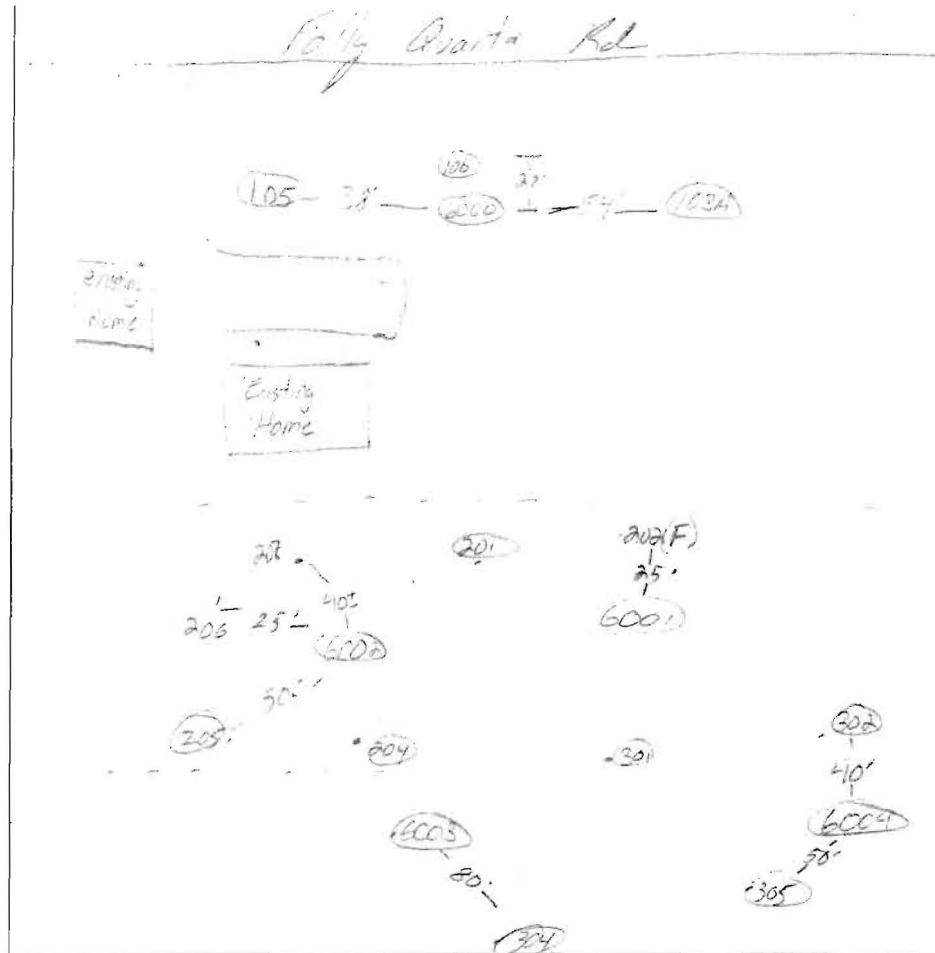
REMARKS #201 + 204 are on other sheet #206 - < 50% Rock from 5' down

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

6000
Brown/tan
orange granular
laminar 20%
clay
2'
Orange/Red
Brown/tan
micaceous sil
3'
Brown/tan
Coarse micaceous
sand lam
6 1/2'
tan/Brown
Sand lam
13'

6002
Brown/tan
sil
2'
Red/orange
clay
cl
3'
tan/red
micaceous
sil
4'
tan micaceous
sil
w/ 20%
qtz
13'

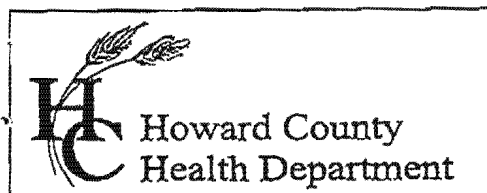
6003
Red/orange
Brown very
clay lam
3'
Red/tan
orange micaceous
sil
1 1/2'
tan/orange
Brown micaceous
sil
5-10%
rock
1 1/2'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/31/04	6000	6' 13"	9:17	9:31	9:58	27min	P
	6002	6' 13"	10:05	10:07	10:11	4min	P
	6003	6' 13 1/2"	10:18	10:23	10:35	12min	P
	6001	6' 13 1/2"	10:38	10:43	10:52	9min	P
	6004	14'	10:54	10:56	10:58	2min	P

REMARKS #6004 - mottling was seen but only in small pockets.
 SANITARIAN KR BACKHOE utilite OTHERS Mark Johnson/Hoot
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

6001
Red/orange
tan
micaceous sil
2 1/2'
tan/Red
orange
micaceous
Coarse sil
5 1/2'
tan/Brown
sil
10% rock
13 1/2'
6004
Orange/Red
Brown
tan lam
mottling on
uphill -
3 1/2'
Brown/Red
tan micaceous
sil
4 1/2'
tan/Brown
micaceous
sil
14'



Kevin Comment
7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648 *Lot 1*
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

March 2, 2006

Johanna M. Ecker
Fisher, Collins & Carter, Inc.
10272 Baltimore National Pike
Ellicott City, Maryland 21042

Re: Hyman Property (Parcel a& Lot 1) Septic Easement Adjustments

Dear Ms. Ecker:

The Howard County Health Department found the adjustment to lot #1 and Parcel "A" to be satisfactory. Any adjustments to the existing sewage disposal area will require a new percolation certification plan.

If you have any questions, please call me at 410-313-1771.

Sincerely,

Kevin J. Bell
Kevin J. Bell
Well & Septic Program

Cc: Hamilton Reed

**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.

March 2, 2006

Mr. Mike Davis
Howard County Health Department
Bureau of Environmental Health
7178 Columbia Gateway Dr.
Columbia, MD 21046-4544

RE: Hyman Property
Parcel 1 and
Lot 1

Dear Mr. Davis:

The purpose of this letter and on behalf of our client, Hamilton Reed, we are requesting the following changes to the septic easements on the above referenced lots.

The proposed changes shown on the attached drawing are the minimum necessary to site the proposed houses per the homeowner's requests. Parcel 1 is being adjusted approximately 13% and Lot 1 is 4.8%. The existing wells have been field located and are accurately shown. Also included is a print of the perc certification plan, for your use.

Please review the proposed changes at your earliest convenience.

Should you have any questions, or require additional information, please do not hesitate to call.

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


Johanna M. Ecker

WO #05063

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
- - -	PROPOSED CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
— 5' — 5' —	SILT FENCE
---	LIMITS OF DISTURBANCE
---	EXISTING TREELINE

PLOT PLAN HYMAN PROPERTY

ZONED RC-DEO
 TAX MAP NO. 23 PARCEL NO. 29 GRID NO. 9
 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: NOVEMBER, 2005

