

APPLICATION

PERCOLATION TESTING

A 514209

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Cingedo Estates II LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP 8 PARCEL # 33

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

514209

COUNTY #

SOIL PROFILE

473/475

0' DK brn granular loam 1'

pink w/ huge Lm Rx begins 4'

Fine sand

Rt 15-20%

platy w/ structure to soil 1/2"

35-45% Rx packets

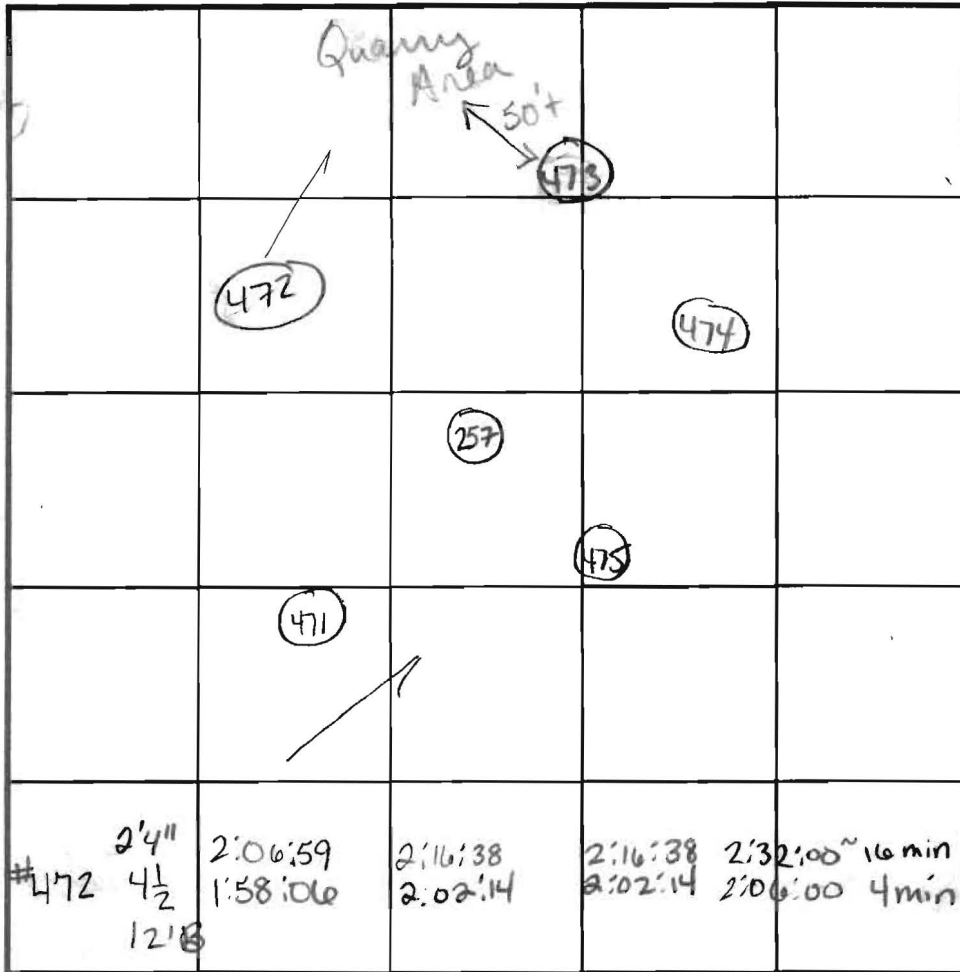
8'

HARD B. 11'

E. Wall

Quarry Area

50'



SOIL PROFILE

472

0' DK Pink w/ Lm Rx < 5% 4'

pink huge Fine Sandy Lm

15-20% Rx Overall

12' H. Bottom

#472	2'4"	2:06:59	2:16:38	2:16:38	2:32:00 ~ 16 min
	4 1/2	1:58:06	2:02:14	2:02:14	2:06:00 4 min
	12' B				

OK

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

474

Soils Same as 473 but Rx total ~15% w/ Lm

2'

pink Lm

HARD B. 11'

471

Soil like 473/475 but 20-30% Rx packets overall 15-20%

Bottom 14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
2-28-02	473	4 1/2	12:44:06	12:44:43	12:44:43	too fast	
			12:46:51	12:48:41	12:48:41	2:50:58	2 min
		6 1/2 / 11' D	1:02:23	1:03:16	1:03:16	1:04:25	1 min (F)
	474	4' 5"	12:53:26	12:54:45	12:54:45	12:57:45	3 min
		11' D					
Brian Baker Here, also	475	4 1/2 N/A / 7' S	1:15:22	1:16:05	1:16:05	1:17:42	1:40
		2' 1/2' / 12'			1:21:31	1:22:00	(F)
	471	4 1/2 S	1:25:25	1:27:30	1:27:30	1:31:28	4 min
		6 1/2 S	1:44:55	1:47:42	1:47:42	1:52:50	5 min
		14' D					(OK)

REMARKS Holes dug per plan except 257 not dug - poss not started

TYPE OF SOIL Propose SAND Mound testing

TESTED BY Racie ALSO PRESENT Donny & Roberto HARTFIELD

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

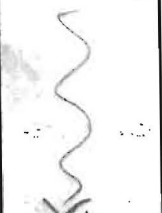
257

rd brn
Loam

2'

Rd
brn
SLm

Rx < 15%



Bottom 12'

475 / 473

y brn
Loam

2 1/2'

pink, tan
rdbrn.

SLm

Rx
5-10%

Bottom 12 1/2'

473

Dr Br
Loam

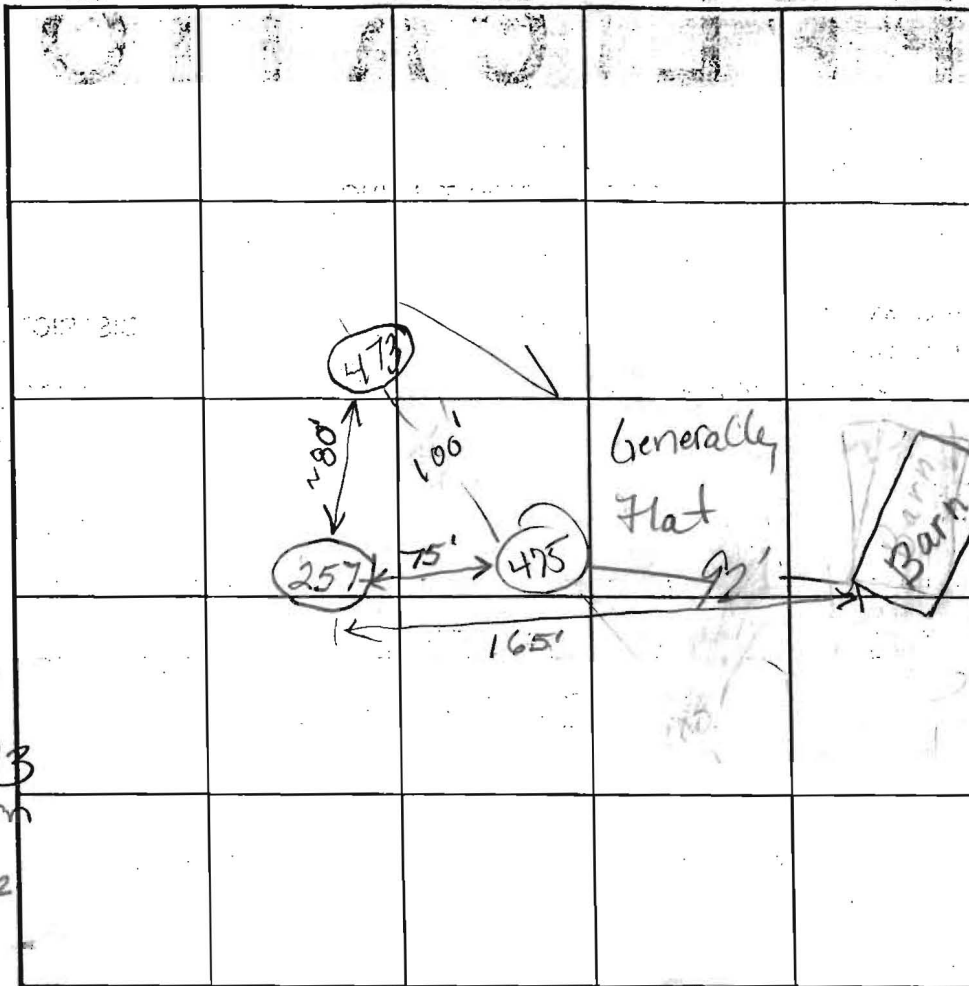
2.5'

Tan Sa
Loam

~ 20%

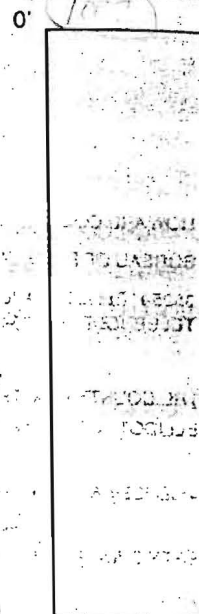
Rock

Bottom 12'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/6/02	257	5' / 12" v	3:01:45	3:03:20	3:03:20	3:06:30	3 min OK
	475	5' / 12 1/2" v	3:08:30	3:10	3:10	3:12:30	2 1/2 OK
	473	5 2" / 12 1/2" v	3:18:00	3:18:50	3:18:50	3:20:05	1 min OK
	repair		3:22:00	3:25:30		3:27:40	2 1/2

REMARKS Holes 473 + 475 Were Previously Failed On 2/28/02

TYPE OF SOIL For Fast Perc Rates and Rock - Field Locate All Holes

TESTED BY B. Baker, B. Glotfelty, K.N. ALSO PRESENT M. McCann

TRENCH DESIGN DATA AVERAGE PERCOLATION TIME TRENCH WIDTH J. Conzudo

INLET DEPTH MAXIMUM BOTTOM DEPTH SO FT/BEDROOM

APPLICATION

PERCOLATION TESTING

A 514205

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 8/23/2000

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 GOLSTEIN MARION TRUSTEE

ADDRESS 13828 VINTAGE LANE, SILVER SPRING 20906 PHONE _____

AGENT OR PROSPECTIVE BUYER JOHN CONGEDO, MARBLE SOURCE UNLIMITED

ADDRESS 10907 GUILFORD RD, ANNAPOLIS JCT, MD PHONE (301) 470-2007

PROPERTY LOCATION:

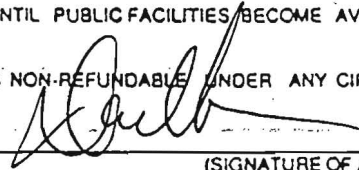
SUBDIVISION CONGEDO ESTATES LOT NO. _____

ROAD AND DESCRIPTION W. ROUTE 97, COOKSVILLE, MD 21723

TAX MAP 8 PARCEL # 33

SIZE OF LOT 1 ACRE TYPE BLDG. SINGLE FAMILY DWELLING
(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

(396)

Red Br
Cl Loam

Or Br
Si Loam
20-30%
Rock

>50% Rock

Hard
Bottom

(397)

Red Br
Cl Loam

Yellow Br
+ Red Br
Sa Cl
Loam
10-20%
Rock

>50%
Rock

Hard
Bottom

(398)

Red Br
clay
Loam

Red Br
Sa Cl Loam

Or Red
Si Sa
Loam

Large
Pocket
of ~45%
Rock

SOIL PROFILE

(395)

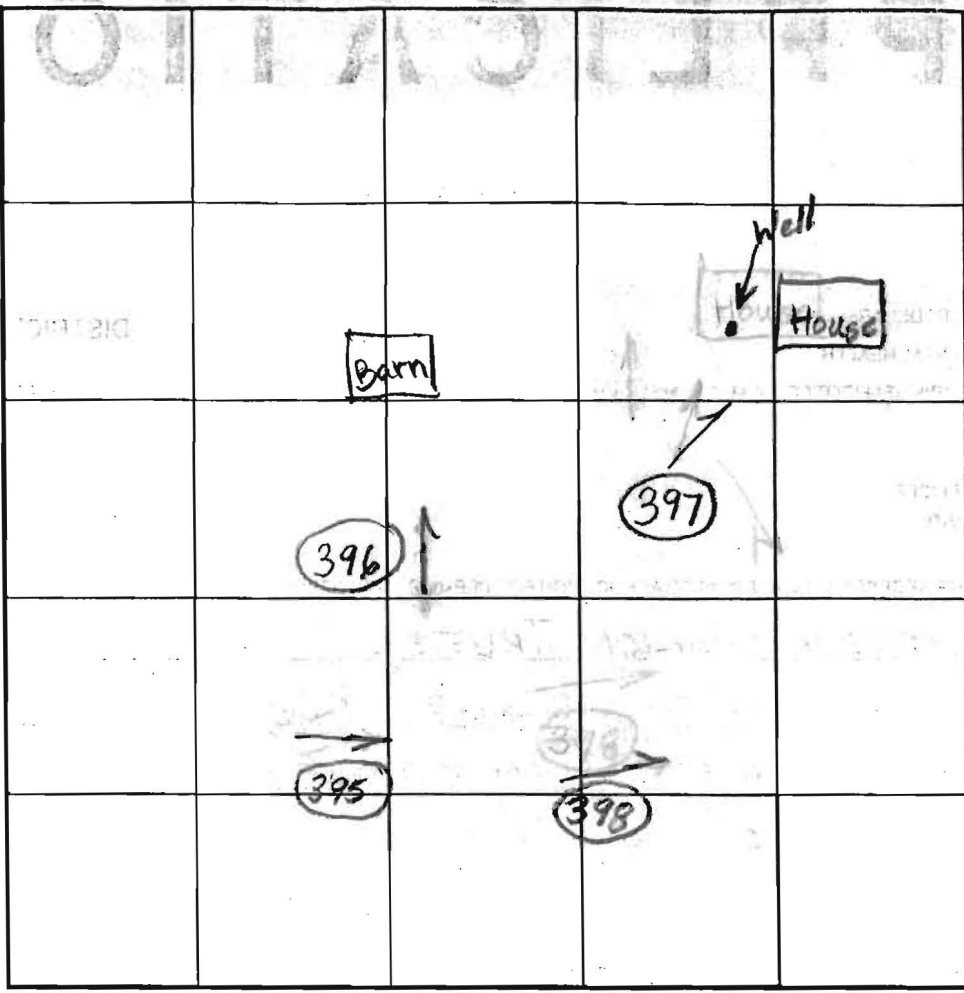
Red Br
Cl Loam

Red Brand
Yellow Br
Sa Cl Loam

Light Br
Si Loam

75%
Rock

12'
Hard
Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/2/01	396	7.5' V	←	See Profile	→		(F)
	397	9.5' V	←	See Profile	→		(F)
	398	4.0'/13.5' V	←	Pulled, Slow	→		Slow
	395	12' V	←	See Profile	→		(F)

REMARKS Stakes Marked as Shown, 395-396 and 397 failed - Insufficient
 TYPE OF SOIL Depth to Bedrock, 398 needs further evaluation
 TESTED BY B. Baker ALSO PRESENT Mike Johnson
 TRENCH DESIGN EX AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ FT/BEDROOM _____

APPLICATION

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HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT _____

DATE 8/23/2000

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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ADDRESS 13828 VINTAGE LANE, SILVER SPRING 20906 PHONE _____

AGENT OR PROSPECTIVE BUYER JOHN CONGEDO, MARBLE SOURCE UNLIMITED

ADDRESS 10907 GUILFORD RD, ANNAPOLIS JCT, MD PHONE (301) 470-2007

PROPERTY LOCATION:

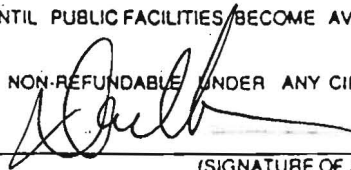
SUBDIVISION CONGEDO ESTATES LOT NO. 23

ROAD AND DESCRIPTION W. ROUTE 97, COOKSVILLE, MD 21723

TAX MAP 8 PARCEL # 33

SIZE OF LOT 1 ACRE TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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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

Lot 10

COUNTY #

SOIL PROFILE
 0' (1015) (1014)

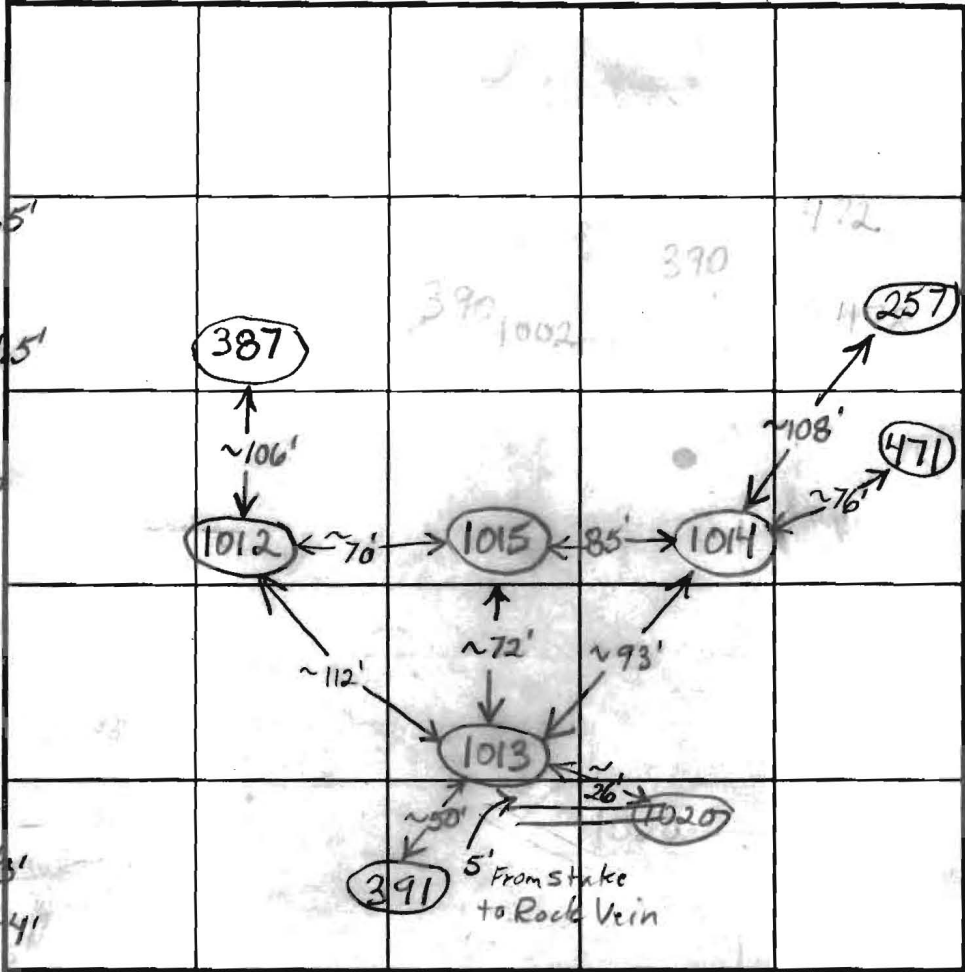
Brown
 So. Clay
 Lt. Brown
 Loam
 3'-3.5'
 4'-4.5'
 Red
 Brown
 Si. Loam
 w/
 ~30%
 Coarse
 Cherty
 mica
 4'

(1013)

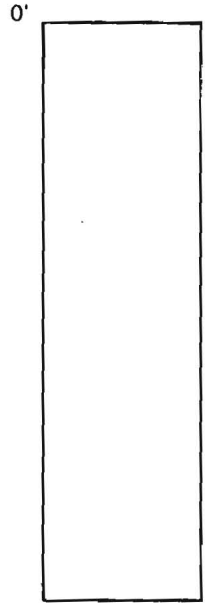
Red Br and
 Or Br Loams
 2.5'-3'
 Or Br Loam
 3.5'-4'
 Red Br
 Sa Loam
 ~50% Rock
 Below 6'
 Hard
 Bottom
 10.5'

(1012)

Red Br Loam
 and Heavy
 Loams
 2.5'
 Red Br and
 Or Br Loam
 3.5'-4'
 Red Br Sa
 Loam One
 of 30-40%
 Rock From
 6'-8'
 8'
 One Vein
 of Greater
 Than 50%
 Rock
 13'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/28/13	1015	5' $\sqrt{13\frac{1}{2}}$	10:39	10:48	10:48	10:57	9min
		6' $\sqrt{13\frac{1}{2}}$	10:42	10:45	10:45	10:50	5min
	1014	4' $\sqrt{14\frac{1}{2}}$	11:09	11:17	11:17	11:30	13
		6 $\sqrt{14\frac{1}{2}}$	11:10	11:12	11:12	11:14	2min
	1012	4 $\sqrt{13}$	11:57	12:04	12:04	12:13:30	13 $\frac{1}{2}$ min
		6 $\sqrt{13}$	11:57	12:01	12:01	12:05	4min
	1020	> 50% Rock Below 5'					

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 514209

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE _____

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 Palte Homes / Mike McCann

ADDRESS _____ PHONE (443) 250-3656

PROPERTY LOCATION:

SUBDIVISION Quartz Hill LOT NO. _____

ROAD AND DESCRIPTION Rt. 97, North of Old Frederick Rd.

TAX MAP 8 PARCEL # 33

SIZE OF LOT 1 Acre TYPE BLDG. SFD
(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 _____

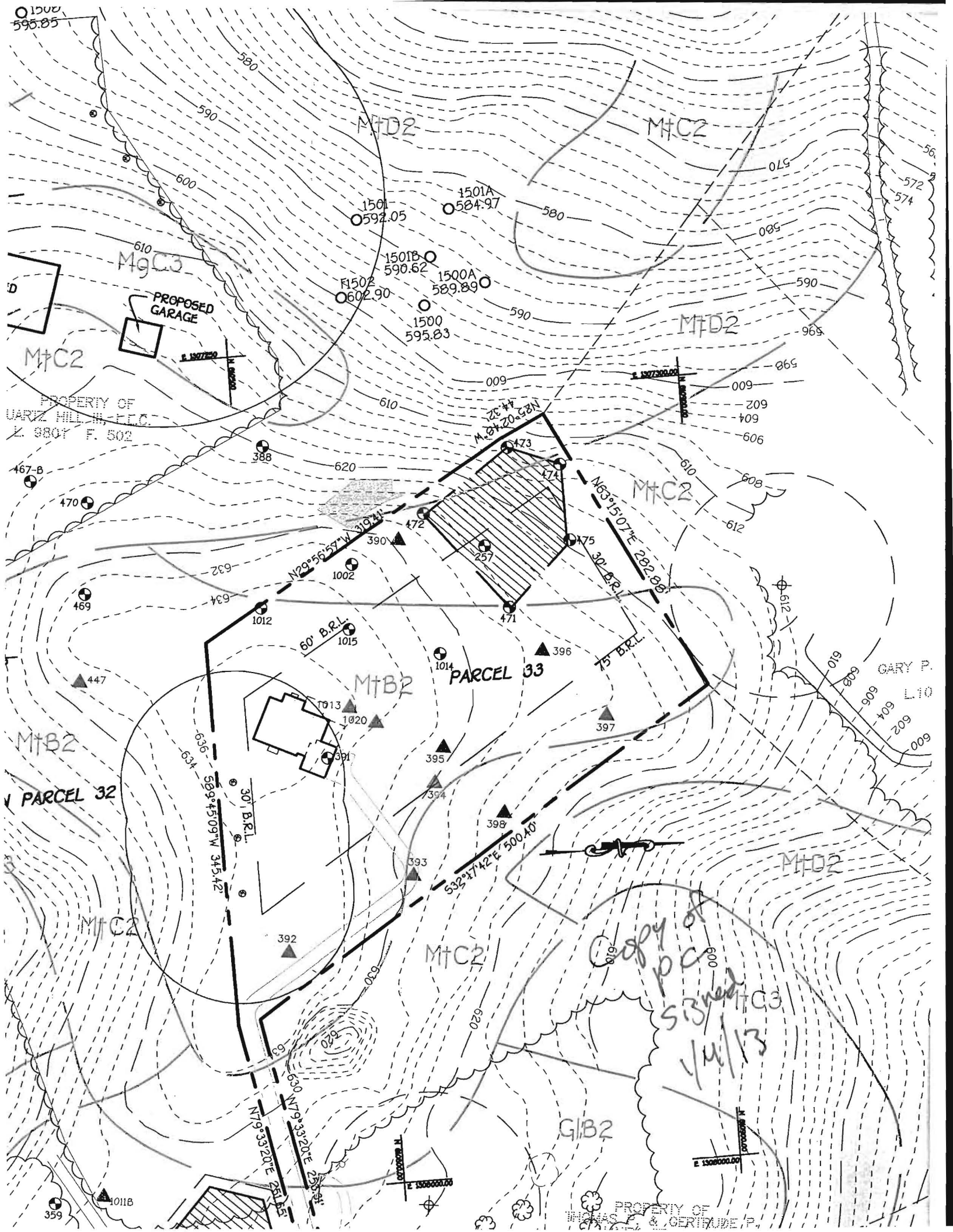
HOLD PENDING FURTHER TESTS _____

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





2016008

Karen M. Black
Senior Designer

kblack@clsimail.com

Letter of Transmittal

Via: Fax

To: Howard County Health Dept.	Date: March 23, 2016
Fax: 410-313-2648	Re: Public Information Act Request Form
Attn: Maura J. Rossman, M.D., Health Officer	

We are submitting We are forwarding We are returning

No.	Description
1	Public Information Act Request Form

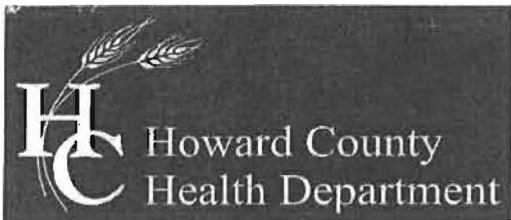
Remarks:

Please see attached form to request Percolation Results for Gerald Cunningham Property 986 Route 97 Cooksville, MD 21723.

For further information, please contact the writer at this office.

Sincerely,
CLSI

Karen M. Black / sm
Senior Designer



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org

Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

Public Information Act Request Form

Property Information Requested:
Current Owner's Name: Gerald Cunningham
Property Address: 986 Route 97 Cockeville MD
Subdivision:
Lot #: 8
Tax Map: 33
Parcel: 21723

Applicant's name: Karen Black
Address: 439 E. Main St Westminster MD 21157
Phone # 410-871-4453

Select from the following records:

Well & Septic Program

- Percolation Results
Well Completion Report
Other (specify)
Septic Construction Plan (As built)
Complete Lot File

Food Protection Program

- Inspection Report - Food Facility Name:
List of food facilities
Other (Please explain):

Community Hygiene Program

- Complaint Investigation Reports
Registered Storage Tanks
Rabies Case Reports
Well Water Sampling
Pool Inspection Records
Other

I understand that I will be charged \$.60 per page copied. If staff time in record retrieval takes more than two (2) hours, then a fee of \$25.00 per hour after two (2) hours will be assessed. Also, I do understand that I will not be able to request any proprietary information enclosed in the file and all copies larger than 11"x17" may best be provided by the proprietor of the document. I also realize that it may take up to thirty (30) days to process this request.

Please indicate preferred response method for your request:

Regular Mail Fax: Email: kblack@clsmail.com

Karen Black
Applicant's Name (please print)

410-848-1791
Applicant's Fax #

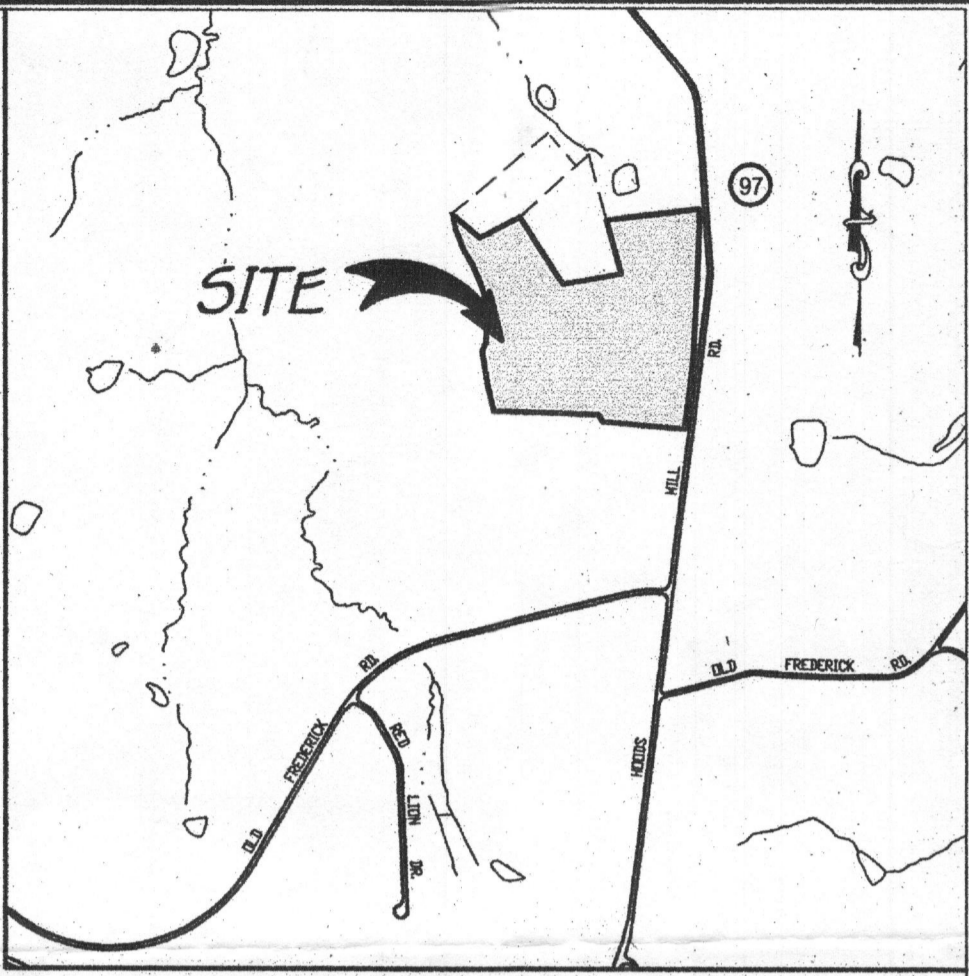
Karen Black
Applicant's Signature

03/22/16
Date

FOR OFFICE USE ONLY
Date Received Date Completed # of Copies Made
No Record Found Preparation Time Staff Initials

SOIL	NAME	CLASS
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
GIB2	Glenn loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glenn loam, 8 to 15 percent slopes, moderately eroded	B
GIC3	Glenn loam, 8 to 15 percent slopes, severely eroded	B
GnB2	Glennville silt loam, 3 to 8 percent slopes, moderately eroded	C
KaB2	Kelly silt loam, 3 to 8 percent slopes, moderately eroded	D
LgC3	Lagare silty clay loam, 8 to 15 percent slopes, severely eroded	B
MgC3	Montalto silty clay loam, 8 to 15 percent slopes, severely eroded	B
MB3	Minor loam, 15 to 25 percent slopes, severely eroded	B
ME	Minor loam, 25 to 45 percent slopes	B
MeC	Montalto and Reily soils, 15 to 45 percent slopes	B
MIB2	Mt. Airy channery loam, 3 to 8 percent slopes, moderately eroded	A
MIC2	Mt. Airy channery loam, 8 to 15 percent slopes, moderately eroded	A
MIC3	Mt. Airy channery loam, 8 to 15 percent slopes, severely eroded	A
MID2	Mt. Airy channery loam, 15 to 25 percent slopes, moderately eroded	A

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



GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SF (OR 10,000 SQUARE FEET PER LOT FOR SHARED DRAIN FIELDS ASSOCIATED WITH A SHARED SEWAGE DISPOSAL FACILITY) AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS 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 SEWAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- WELL SHALL BE DRILLED PRIOR TO BUILDING PERMIT.
- TOPOGRAPHIC CONTOURS BASED ON AERIAL BY POTOMAC AERIAL SURVEYS AND FIELD VERIFIED BY VANMAR ASSOC., INC.
- THIS PLAT IS BASED ON FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT MARCH 2007, BY FISHER, COLLINS & CARTER, INC.
- ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- DEED REFERENCE: Parcel 32 LIBER 6048 FOLIO 650 Parcel 33 LIBER 5300 FOLIO 344.
- A LEGAL EASEMENT MUST BE RECORDED IN HOWARD COUNTY LAND RECORDS FOR THE SEWAGE (EFFLUENT LINE) ACCESS TO SEPTIC EASEMENT ON PARCEL 33 PRIOR TO HEALTH DEPARTMENT APPROVAL OF A BUILDING PERMIT APPLICATION FOR PARCEL 32.
- LOT YIELD IS DEPENDENT UPON NITROGEN BALANCE STUDY OF OVER 5,000GPD THEN ADD GROUNDWATER MOUNDING AND HYDROLOGIC BALANCE STUDIES.
- LOT YIELD AND BEDROOM COUNTS ARE SUBJECT TO REVIEW BY MARYLAND DEPARTMENT OF THE ENVIRONMENT, BUREAU OF UTILITIES, AND THE HOWARD COUNTY HEALTH DEPARTMENT WHEN THE WATER AND SEWER CONTRACT PLANS WITH THE SHARED SEWAGE DISPOSAL SYSTEM ARE SUBMITTED.
- FUTURE DEVELOPMENT OF P/O PARCEL 33 WILL BE SUBJECT TO STANDARDS AND CODE REQUIREMENTS AT THE TIME THAT A PROPOSAL MAY BE PRESENTED TO DESIGNATED HOWARD COUNTY AUTHORITIES AND FORWARDED TO THE HEALTH DEPARTMENT FOR REVIEW.

PERC CERTIFICATION

I certify that the locations and elevations shown 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* 10/10/12
 Date

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

APPROVED FOR PRIVATE WATER AND PRIVATE SEPTIC SYSTEMS ON PARCEL 32 AND P/O PARCEL 33, AND SHARED SEPTIC SYSTEMS ON P/O PARCEL 33.

Signature: *B. Wilson for Mauna Rossman* 10/26/2012
 COUNTY HEALTH OFFICER Date

986 Rt. 97
 Greenwood
 Cooksville
 6 BEDROOM HOUSE

Superceded
 4/13
 (well box - to - well less)

PERCOLATION CERTIFICATION PLAN
 QUARTZ HILL ESTATES
 PARCEL 33
 ZONED: RC-DEO
 TAX MAP No. 8 GRID No. 5 PARCEL No. P/O 33 AND 32
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DATE: OCTOBER 10, 2012
 SCALE: 1" = 100'
 SHEET 1 OF 1

LEGEND:

EXISTING PERCOLATION TEST SITE:
 BY FISHER COLLINS & CARTER, INC. (PASS) (FAIL)

EXISTING PERCOLATION TEST SITE:
 (NO ELEVATIONS) BY VANMAR (PASS) (FAIL)

PROPOSED HOUSE

PROPOSED WELL SITE

SOILS
 MgC3 GIC3
 MID3

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELKORT CITY, MARYLAND 22962
 410 461 - 2992

DAVID J. & ELIZABETH C. MULLIN
 L.284 F.43
 HOWARD COUNTY AGRICULTURAL PRESERVATION PROGRAM - EASEMENT #H014-04-E

K:\GIS\PROJECTS\30797 QUARTZ HILL\DWG\30797 Revised Perc Parcel 32 10-5-12 Option A.dwg, Perc Cert Plan, 10/11/2012 8:58:53 AM, 1:1