

FILES
7/5/01
10:00

APPLICATION

PERCOLATION TESTING

A 515294

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2840

*New Perc area for a new SFD
to replace an old house destroyed
by fire years ago - a old mobile home
12'x60' is currently on site
Has existing drilled well but no gate.*

DISTRICT _____

DATE 6/18/2001

8/8/5/01

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 SAMUEL REDD JR

ADDRESS 6015 SHADY LANE Hanover 21076 PHONE 410-379-2820

AGENT OR PROSPECTIVE BUYER KCE ENGINEERING, Inc

ADDRESS 3300 N. RIDGE ROAD, Suite 315 PHONE 410-203-9800
ELLICOTT CITY MD, 21043,

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 6015 SHADY LANE, ELBRIDGE MD 21076.

TAX MAP 38 PARCEL # 7560 Grid 9

SIZE OF LOT 6.97 AC 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.

Samuel Redd 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

A515294
COUNTY #

6015 Shady Lane (Eck Ridge)

SOIL PROFILE

0' North side A
10YR 7.5/2 SL + fide
(30% Fines) (10)
67' 10YR 6/4 SL of fines
(1m sbk) 5-10%
sandstone/gyp
14' 5YR 5/8 SCL
-hSL
5-10% cobbles
(1c sbk)
6 1/2'

SOIL PROFILE

0' D
7' 10YR 7.5/2 SL
Thin SL-hSL (10m sbk) dry
24' 10YR 6/4 hSL-SCL
(1m sbk) dry
4 1/2' 5YR 5/8 SCL
(10m sbk) (Moss)
89' 5YR 5/8 SCL
14' 20% cobbles

South Side A

7' SL Taper
Thin (10YR 6/4) SL
(1m sbk) 10% cobbles
1 1/2' Red yel-bk - pale yellow
hSL-SL-SCL
Moss (1c sbk) - Moss
4 1/2' Red clay (down)
and
7 1/2' 10YR 7.5/2
pale yellow
SCL (10m sbk)
11' Thin FSL
RA FSL-SCL
(75YR 8/4)
Thin FSL (10m sbk)
14' pale yellow
(20YR 8/6)

0' 10YR 7.5/2 SL
Thin SL-hSL (10m sbk) dry
2' Thin - pale yellow
SCL-SCL
5' 10YR 6/4 hSL-SCL
(10m sbk) - Moss
14' 20% cobbles

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

started to rain about 3 PM

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
7/5/01	A	1/4' 7 1/2'	11:44:00	12:03:30	12:03:30	12:37:45	34 min
	4-6% slope	1 1/2'	12:24:00	Mixed		12:40	28 min
		5 1/2'	12:40:00	2:02	3:02	3:02	Too slow
	8-10% slope	1/4' 8'	1:38:00	2:35:00	3:25	3:25	only 1/2 inch drop
	looks like sandy	5 1/2'	1:38:30	2:35:00	3:25	3:25	only 1/2 inch drop
	Red 10'	1 1/2'	1:44:30	1:48:30	1:48:30	1:53:30	5 min
	C	1/4' (could not test too hard to dig - mostly clay + SCL)					Fail
	D	1/4' 8 1/2'	3:35:00	4:05			Hold for wet season test @ 9%

REMARKS (2' to 9' in 10' is too slow perching) - Root for Sand Mounds (or deep system if tested in wet season)
Gravel + cobbles are flatiron stone + Banded Epiphyse - sandstone with veins showing on interior + minor sandstone

TYPE OF SOIL Chillum / Sandy + Clayey Sil (SCL)

TESTED BY R. P. R. ALSO PRESENT Mr. Katalonia, Sam Kelly, Bonnam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM

7' 10YR 7.5/2 SL
20YR 7/4 SL
(1m sbk) 5-10%
cobbles
24' 10YR 6/4 hSL-SCL
(1c sbk)
56' 10YR 7.5/2 SL
-hSL (Moss)
(10m sbk) (Moss)
8-9' Moss
10' pale grey (5YR 8/1)
and pale yellow
(20YR 8/6) Red
Thin (20YR 8/6)
Mix SL-FSL
(Moss) (Moss)
(Moss) (Moss)
(Moss) (Moss)
14' (Moss) (Moss)



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

June 22, 2001

Mr. Samuel Redd, Jr.
6015 Shady Lane
Hanover, Maryland 21076

RE: **Percolation Test Date**
Application: A515294
Proposal: Establish septic reserve area to serve existing recorded lot
Property ID: Redd Property
6015 Shady Lane
Tax Map: 38 Parcel #756

Dear Mr. Redd:

Percolation testing has been tentatively scheduled for the above referenced property for **Thursday, July 5, 2001 at 10:00 a.m.** Please call this office at (410) 313-2640 to confirm your acceptance of these percolation test dates.

You shall be responsible for having a contractor on site to excavate the percolation test holes to a minimum depth of 14 feet. It is expected that all proposed percolation test holes shall be staked and excavated as approved on the recently submitted percolation test plan. Additional test holes may only be performed upon permission of the Health Department representative at the time of testing.

In the event of uncertain weather (i.e., precipitation or extremes of temperature), please contact this office prior to 9:00 a.m. on the test date to determine whether or not percolation testing can be performed on that date. If it is not feasible to perform the test, a new test date shall be assigned.

Percolation test results may be expected by mail two weeks after the completion of the percolation testing.

Thank you in advance for your cooperation in this matter.

Sincerely,

Donna K. Clark, R.S.
Water and Sewerage Program
DKC
cc: file

Need Perc Letters
or Data Sheets
update 9/11/02 property
is now adjacent to two subdivisions
project with public water
public sewer - best to pursue
public connection or further testing
for sand found on 8/18/01
(sewer) for deep dry well RPP
system is possible RPP
9/11/02

**MARYLAND DEPT. OF THE ENVIRONMENT
ON-SITE SEWAGE DISPOSAL SYSTEM
SITE EVALUATION REPORT
SOIL PROFILE DESCRIPTION**

FILE NO. A515294

MD. GRID:

TAX MAP/B/P: TM 38 6rid 9 Parcel Y56

SUBDIVISION: 6015 Shady Lane Elmridge
DATE: 7/5/01

DATE: 7/31/01
BY: R. W. Cribbs

BY: R. W. Cribbs

[illegible]

D-3

M

**MARYLAND DEPT. OF THE ENVIRONMENT
ON-SITE SEWAGE DISPOSAL SYSTEM
SITE EVALUATION REPORT
SOIL PROFILE DESCRIPTION**

FILE NO.

MD. GRID:

TAX MAP/B/P:

SUBDIVISION:

DATE: _____

BY:

[illegible]

From: Robert Weber
To: Borenstein, Penny
Date: 8/16/04 10:04AM
Subject: Inquiry concerning 6015 Shady Lane(Redd property)

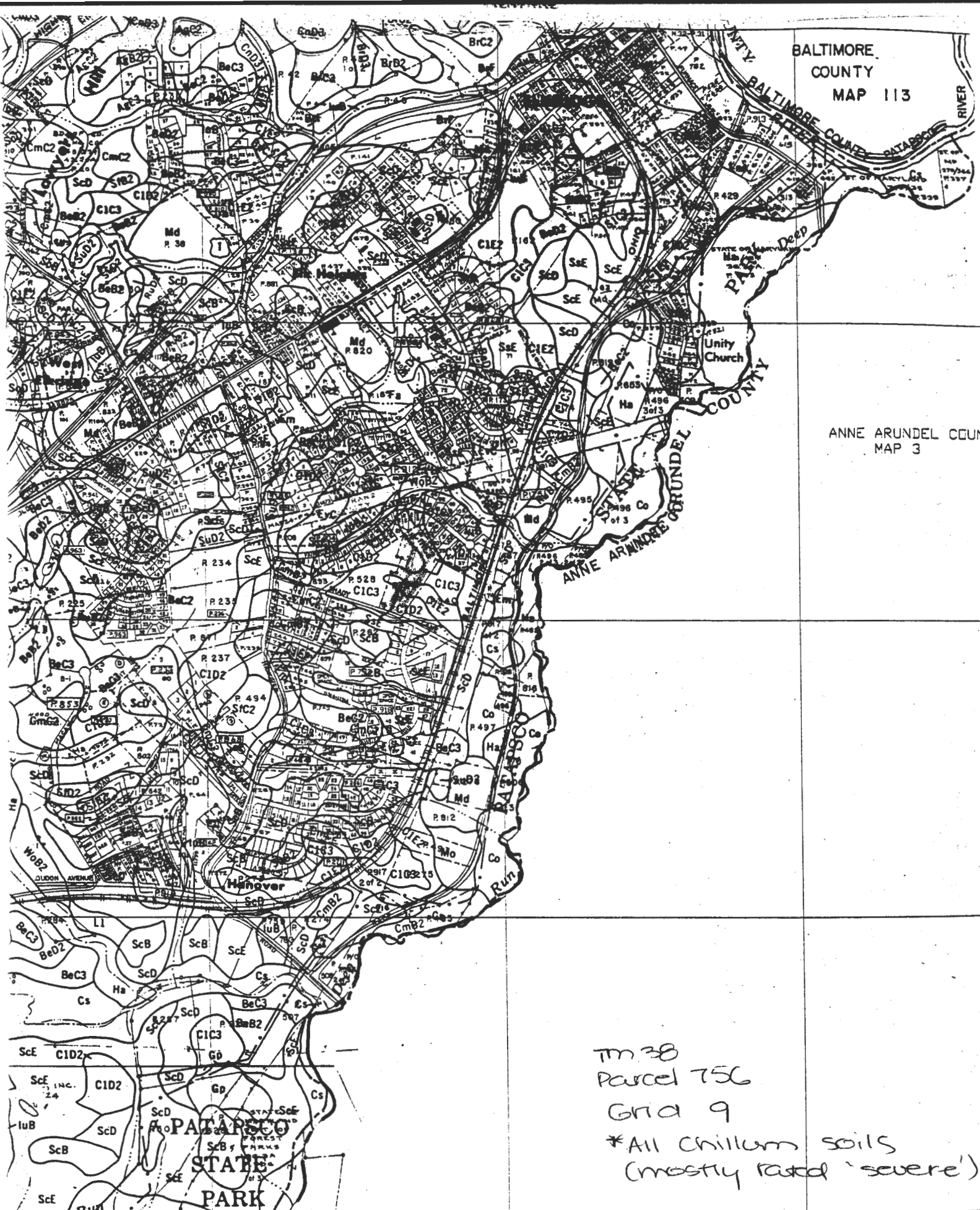
Penny, we perc tested the subject property on 7/05/01. The results were not satisfactory. However, this is an almost 7 acre property and it was not extensively tested. Further wet season testing is required to definitively assess this property for onsite sewage disposal. This would require a perc application from the owner. Additionally, this property is literally surrounded by public sewer. Although public sewer is not currently directly available to the property, the property immediately adjacent to 6015 is in the process of being developed with public sewer. According to public works Mr. Redd can negotiate with the owners to allow public sewer to be extended to his property. This, of course, would be the preferred solution to his problem.

CC: Boris, John

Donna Moore
Sept 2nd
Rm over garage
Jill Korman
KCI #10 2011810
6991 020 0017
04/125

BALTIMORE COUNTY
MAP 113

ANNE ARUNDEL COUNTY
MAP 3



Tr 38
Parcel 756
Grid 9
*All Chillum soils
(mostly rated 'severe')

FSH ASSOCIATES TRANSMITTAL

TO: Howard County – Health Department ATTN: Ms. Kaycie Noonan	DATE: August 11, 2004 JOB NUMBER: 3228 JOB NAME: Brown Property REGARDING: <i>A520113</i> Percolation Certification Plan
FROM: Zach Fisch	

<input type="checkbox"/> FOR YOUR INFORMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/> FOR YOUR APPROVAL
<input type="checkbox"/> AS PER YOUR REQUEST	<input type="checkbox"/>	<input type="checkbox"/> FOR YOUR USE
<input type="checkbox"/> FOR REVIEW AND COMMENT	<input type="checkbox"/>	<input type="checkbox"/> APPROVED AS SUBMITTED
<input type="checkbox"/> APPROVED AS NOTED	<input type="checkbox"/>	<input type="checkbox"/> FOR BIDS DUE:

COPIES	DATE	NO.	DESCRIPTION OF MATERIAL TRANSMITTED
1	08/10/04	1/1	Brown Property Percolation Certification Plan
1	08/10/04	2/2	Brown Property Plan Response Letter

REMARKS:

Please accept this Percolation Plan for your review and approval to submit mylars.
 Thank-you,
 Zach Fisch

HOWARD COUNTY HEALTH DEPT
BUREAU OF ENVIRONMENTAL HEALTH

AUG 11 2004

RECEIVED

hook up?

Plumbing
Van G Sand

OR
HOUND
TESTS?
Ritter for
pinkish

35' deep
teaching

Apply
for cur.

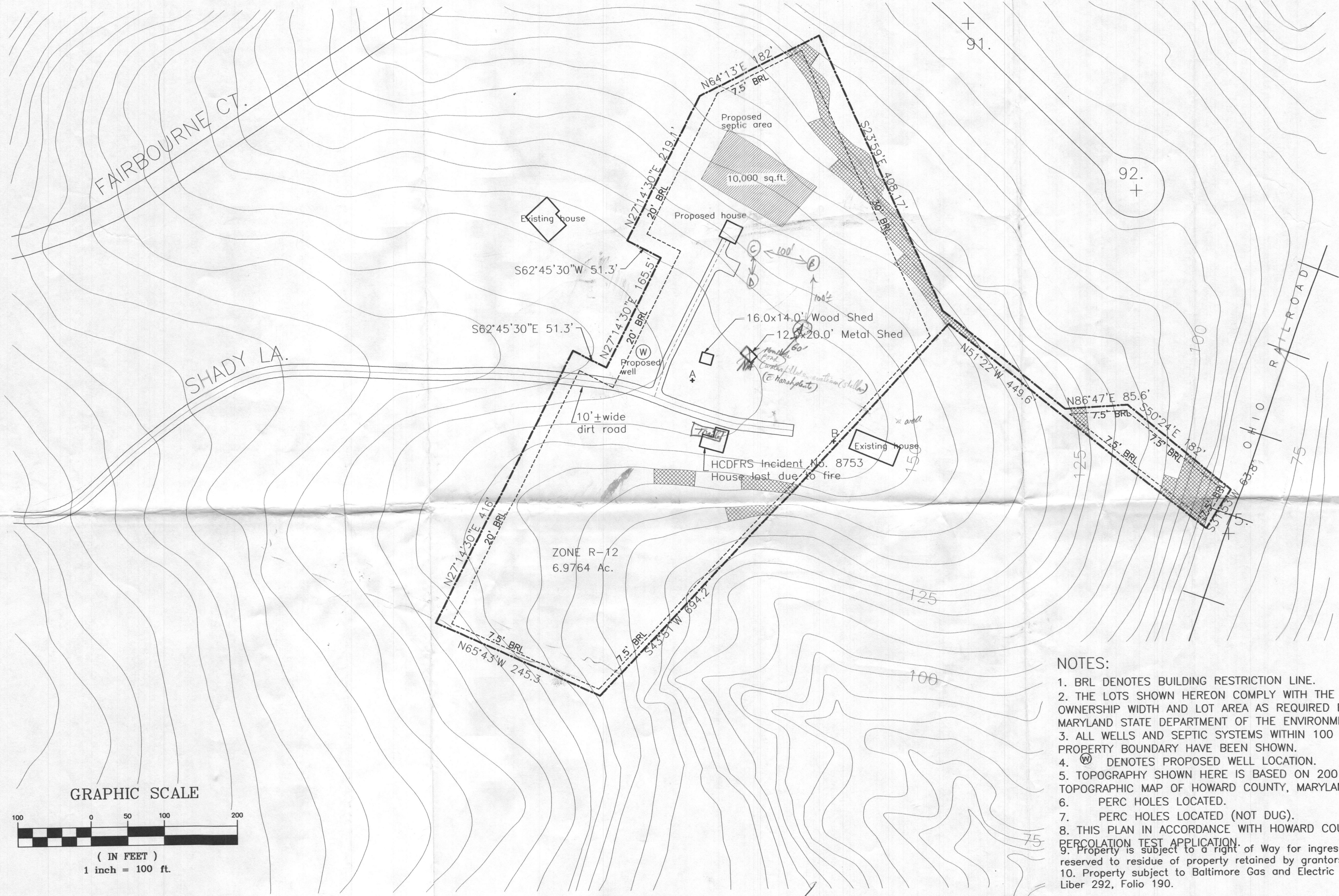
Developer
drop in a connection
County applies

Whitehead
Developer / Engineer
K. V. V.

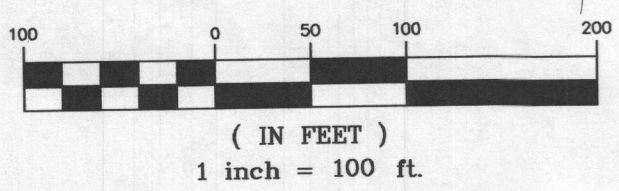
Release
connection of
Howard Build

Plumbing
connection
app creative

to house



GRAPHIC SCALE



THIS AREA DESIGNATES A PRIVATE EASEMENT OF MINIMUM OF 10,000 SQUARE FEET (OR FEET PER LOT FOR SHARED DRAIN FIELDS ASSOCIATED WITH A SHARED SEWAGE DISPOSAL FACILITY) AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS WILL BECOME NULL AND VOID UPON CONNECTION OF PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCE FOR ENCROACHMENTS IN TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

PERC CERTIFICATE
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

SIGNATURES OF PROFESSIONAL LAND SURVEYOR OR PROPERTY LINE SURVEYOR _____ DATE _____

NOTES:

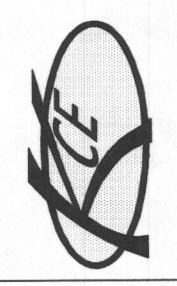
1. BRL DENOTES BUILDING RESTRICTION LINE.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARY HAVE BEEN SHOWN.
4. (W) DENOTES PROPOSED WELL LOCATION.
5. TOPOGRAPHY SHOWN HERE IS BASED ON 200 SCALE TOPOGRAPHIC MAP OF HOWARD COUNTY, MARYLAND.
6. PERC HOLES LOCATED.
7. PERC HOLES LOCATED (NOT DUG).
8. THIS PLAN IN ACCORDANCE WITH HOWARD COUNTY PERCOLATION TEST APPLICATION.
9. Property is subject to a right of Way for ingress and egress reserved to residue of property retained by grantors.
10. Property subject to Baltimore Gas and Electric Right of Way. Liber 292, Folio 190.

A- B.G.E. Pole #336974
B- B.G.E. Pole #336975
[Hatched Box] AREA >25% IN SLOPE.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEM, HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER _____ DATE _____

KCE ENGINEERING, INC.
EXECUTIVE CENTER
3300 NORTH RIDGE ROAD, SUITE 315
ELLICOTT CITY, MARYLAND 21043
PHONE (410) 203-9800 FAX (410) 203-9228
EMAIL : KCE.ENG@EROLS.COM



REGULATION CERTIFICATION PLAN
HOUSE LOCATION
6015 SHADY LANE
SAMUEL REDD PROPERTY
ELKBRIDGE DISTRICT - HOWARD COUNTY, MARYLAND
LIBER 390, FOLIO 85
TAX MAP 38 B 146-30

REVISIONS

DATE: JUNE 1, 2001
JOB NUMBER: 01108.00
PLOTTED: JUNE 1, 2001
CHECKED BY: DVK
DRAWN BY: MG

PERCOLATION
CERTIFICATION
PLAN

SHEET
1 OF 1