

APPLICATION

PERCOLATION TESTING

A 517397

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.

JAMES, MARY & DON PATERSON

PROPERTY OWNER DOROTHY EASTER, THERESA BASS

IN CARE OF: DON PATERSON

ADDRESS P.O. BOX 1 GLENELLG MD. 21737 PHONE 410-442-4475

AGENT OR PROSPECTIVE BUYER TRIADDELPHIA FARM LLC

IN CARE OF PAUL REVELLE

ADDRESS 6258 CARDINAL COLUMBIA, MD 21044 PHONE 410 992 5805

PROPERTY LOCATION:

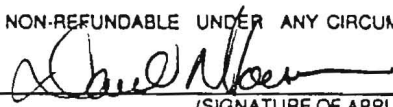
SUBDIVISION HOPKINS CHOICE LOT NO. 11, 12 & 14

ROAD AND DESCRIPTION PROPOSED ROAD EXTENDING RYON DRIVE

TAX MAP 21 PARCEL # 111

SIZE OF LOT SF CLUSTER 40,000[±] TYPE BLDG. SF
(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

Strong Red Red!
 Quar + 2 frags 10%
 Sticky clay-CLM
 Strong Red Red
 sandy loam
 hard saprolite
 frags
 & friable
 frags
 15-20%
 ← rock pocket
 HARD BOTTOM

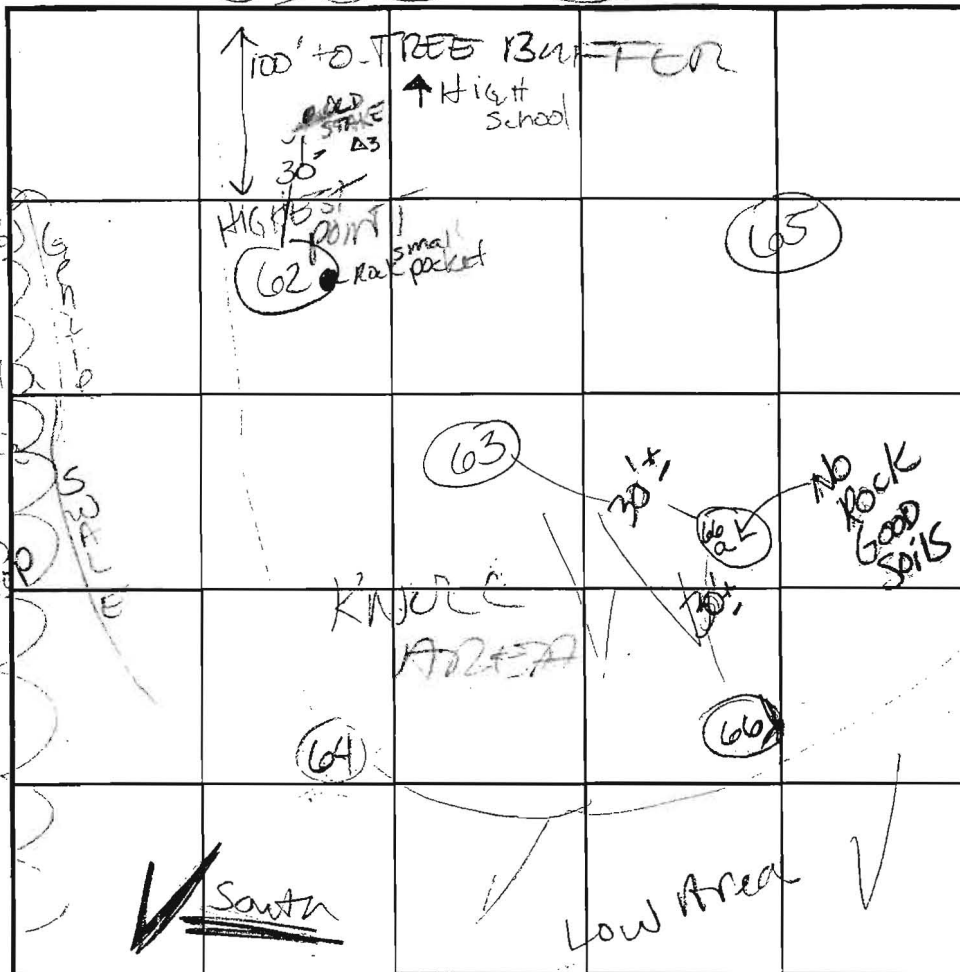
60

Dense
 Red LM
 TRUCE Rx
 DENSE
 SCLM
 TRUCE Rx

ybrn
 tan
 med
 grained
 sand
 Trace
 Rx
 faint tan ybrn
 Lamin degree

64

Same
 as
 62
 but
 @ 7'
 Rx frags
 begin
 chunky
 frags
 30%
 lots of
 good soil
 Hard Bottom



SOIL PROFILE

Dense
 Sticky
 clay CLM
 Loamy
 Sand
 10-15%
 pocket
 Rx

65

dense
 CLM
 pinkish
 sand
 TRUCE Rx

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-03-02	62	6' 12'	2:08 HARD BOTTOM	2:13:15	2:13	2:21	8 min OK
		strong yellow		med grained		sand begins	
		@ 8 1/2'		strong yellow		moist, damp sand	NO MOTTLE SEEN
	64	5 1/2' 12' HB	2:26	2:44	2:44	@ 3:04	20 min OK
	66	6'5" 13' V	2:32:30	2:33:30	2:33:30	2:35:30	2 min OK
	63	6'5" 11 1/2'	2:39:33 HARD BOTTOM	3:04	3:04	3:27	23 min OK
	65	5'3"	2:45:39	2:46:30	2:46:30	2:48:30	2 min OK
	64	TESTING IN ROCK	3:16:30	3:18:03	3:18:03	3:21	3 min OK
	66a	Soil Profile					OK

REMARKS: 1 hole not per plan - 66a

TYPE OF SOIL: AREA PASSES

TESTED BY: KN ALSO PRESENT: DAVE W &

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

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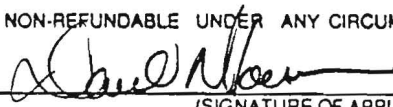
SUBDIVISION HOPKINS CHOICE LOT NO. 1311

ROAD AND DESCRIPTION PROPOSED ROAD EXTENDING RYON DRIVE

TAX MAP 21 PARCEL # 111

SIZE OF LOT SF CLUSTER 40,000[±] TYPE BLDG. SF
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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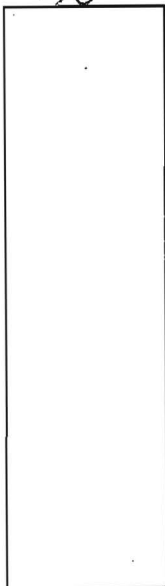
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 58



3
7

59
red orange
SCL
w/10% gravelly

Dense
red orange
L

59
Fine
red brown
SL
w/5%
gravelly
frag

2 1/2

10

13 1/2

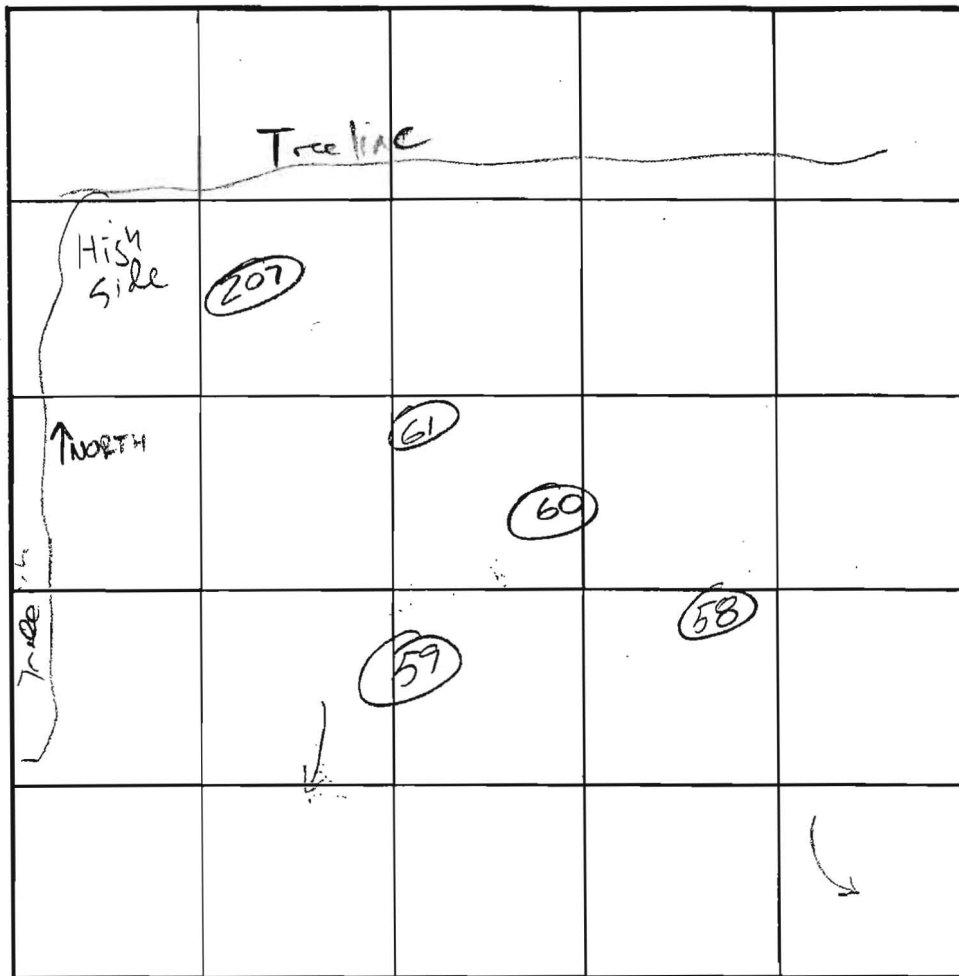
60
red
orange
SCL

red
orange
SCL

↓

Heavy red
orange L

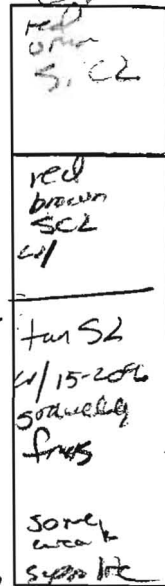
red orange
SL w/ 5%



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 61



4

red
brown
SCL
w/

6 1/2

tan S2
w/15-20%
sandstone
frag

some
area to
super lite

12

very
hard
bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/8/02	58	7 1	3:10:15	3:24:00	3:24:00	3:37:00	13
10/8/02	59	14 V	material ok @ 7'				10-15 ok
10/8/02	60	6 1/2 13 1/2	3:23:30	3:46:00	3:46:00		
			3:10	Stopped @ 1/4"			
10/8/02	61	8 12	3:16:00	3:39:00	3:39:00		
			Dirt Fell in hole re dig				

REMARKS _____

TYPE OF SOIL _____

TESTED BY J. Boris ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

P.198
SAMUEL WAYNE KILLEBREW
& REBECCA ANN KILLEBREW
L.02889/F.0273
ZONE: RRDEO USE:R
LOT 19

P.198
WAYNE G. DRIVER
& CAROL H. DRIVER
L.03168F.0328
ZONE: RRDEO USE:R
LOT 18

EX. WELL

EX. WELL

Copy of
signed PC
10-25-04

EKA
E 1310700

N 583650

63-6.5, 11.5'
66-6, 13'
64-6, 12'

CgB2

P.152
VAN W. JOHNSON
& BABETTE B. JOHNSON
L.2563/F.0499
ZONE: RRDEO USE: R
LOT 4

ChB2

LOT 22
54,800 S.F.

SHARED SEPTIC

LOT 23
42,480 S.F.

LOT 24
44,358 S.F.

LOT 27
41,515 S.F.

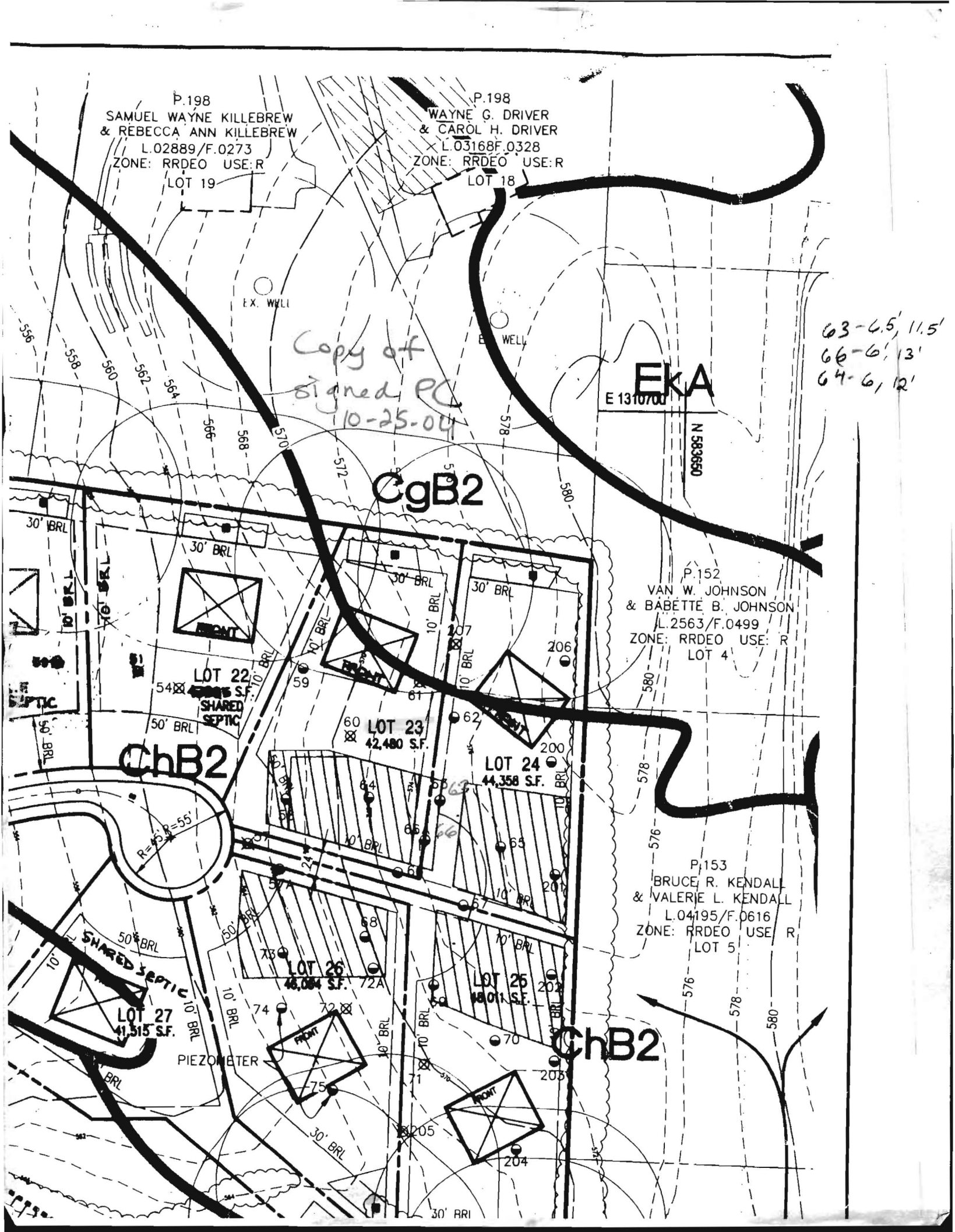
PIEZOMETER

LOT 26
48,084 S.F.

LOT 25
48,011 S.F.

ChB2

P.153
BRUCE R. KENDALL
& VALERIE L. KENDALL
L.04195/F.0616
ZONE: RRDEO USE: R
LOT 5



08/30/11

Mr. Mike Davis
Howard County Health Department

Mr. Davis,

We are requesting a variance on lot 23, Glenelg Estates in Glenelg, Maryland. The lp gas tank is placed in the only location that meets all requirements except the 100 feet from a well head. The lp gas tank is well over 50 feet from the well head.

Your careful consideration of this matter would be greatly appreciated. The builder (Toll Brothers) is closing on this house tomorrow so anything you can do to okay this variance would be helpful.

Please find the address for the aforementioned lot below:

Lot 23
14123 Patterson Farm Ct.
Glenelg, Md. 21737
B11002330

Thank you,

Bob Kilby
410-799-1114
Propane Manager
Matheson Inc. (rkilby@mathesongas.com)



Howard County
Health Department

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

Peter L. Beilenson, M.D., M.P.H., Health Officer

MEMORANDUM

TO: Interested Parties

FROM: Sara Sappington, R.S.
Well and Septic Program
Bureau of Environmental Health

RE: Hopkins Choice

DATE: August 28, 2009

The Health Department recognizes the limitations a number of current lot layouts have with respect to their individual sewage disposal areas and driveway locations in the Hopkins Choice subdivision. For lots where the individual sewage disposal area is impacted by a potential driveway, we offer the following response:

1. Septic system trenches must be installed prior to the final driveway installation and paving.
2. If the initial and replacement septic systems must be located under the driveway to adequately support the proposed structure, the 2nd replacement system must also be installed.
3. If the initial and replacement septic systems adequately fit in the established area without being impacted by the driveway, the 2nd replacement system does not need to be installed.
4. Any changes to the currently approved sewage disposal areas or well areas will be subject to current setback regulations.

Individual lot owners or builders of the properties in Hopkins Choice impacted by these limitations will be required to sign this document acknowledging the above information is understood prior to building permit approval.

Owner

Date

Health Department Representative

Date