

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 525650

AGENCY REVIEW: _____

DATE 1/16/07

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 4 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) Thomas McKee

DAYTIME PHONE 410 977 1985 CELL 410 977 1985 FAX _____

MAILING ADDRESS: 14071 Brighton Dam Rd Clarksville MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT Same

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS: _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 13217 Highland Rd Clarksville MD 21029 LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

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

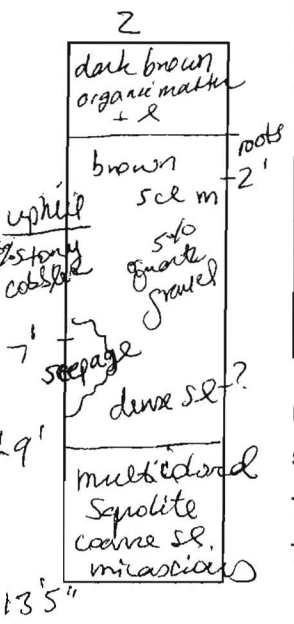
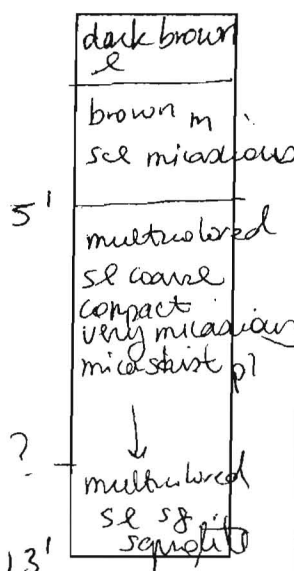
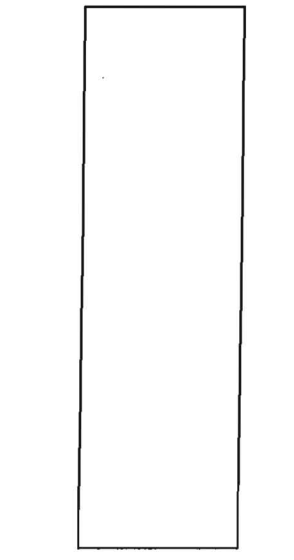
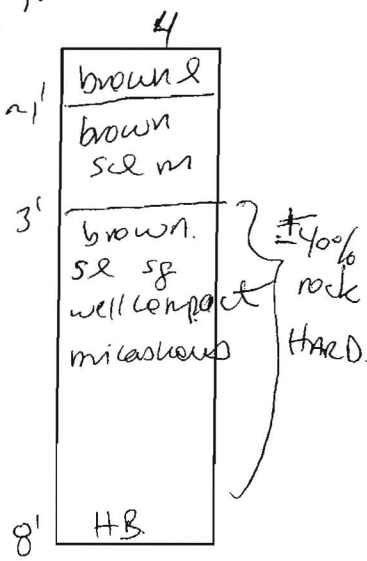
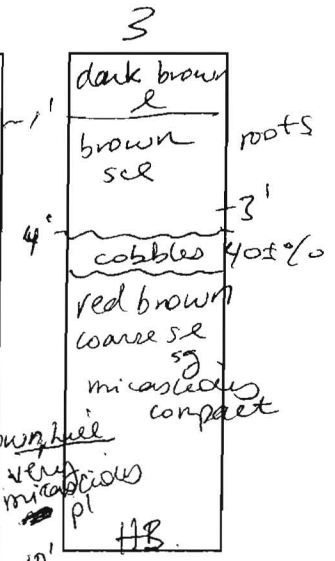
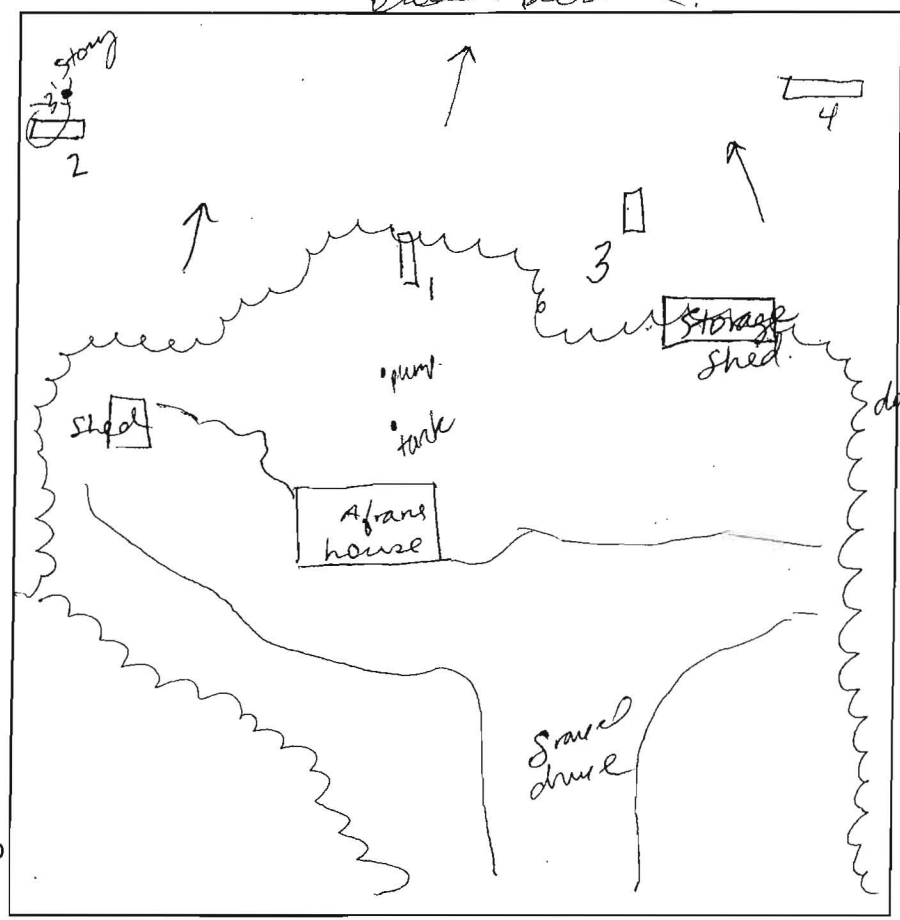
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Thomas McKee
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

broad oval.

A/P _____



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/29/07	1	5' / 13'	12:14	12:32	No movement		F
	"	8' / 13'	2:09	2:24	No movement		F
	2	8' / 13.5'	1:35	1:50	No movement		F
	3	6'5" / 10'	3:12	3:26	3:50	24	P
	4	8'	too hard (rock)				F

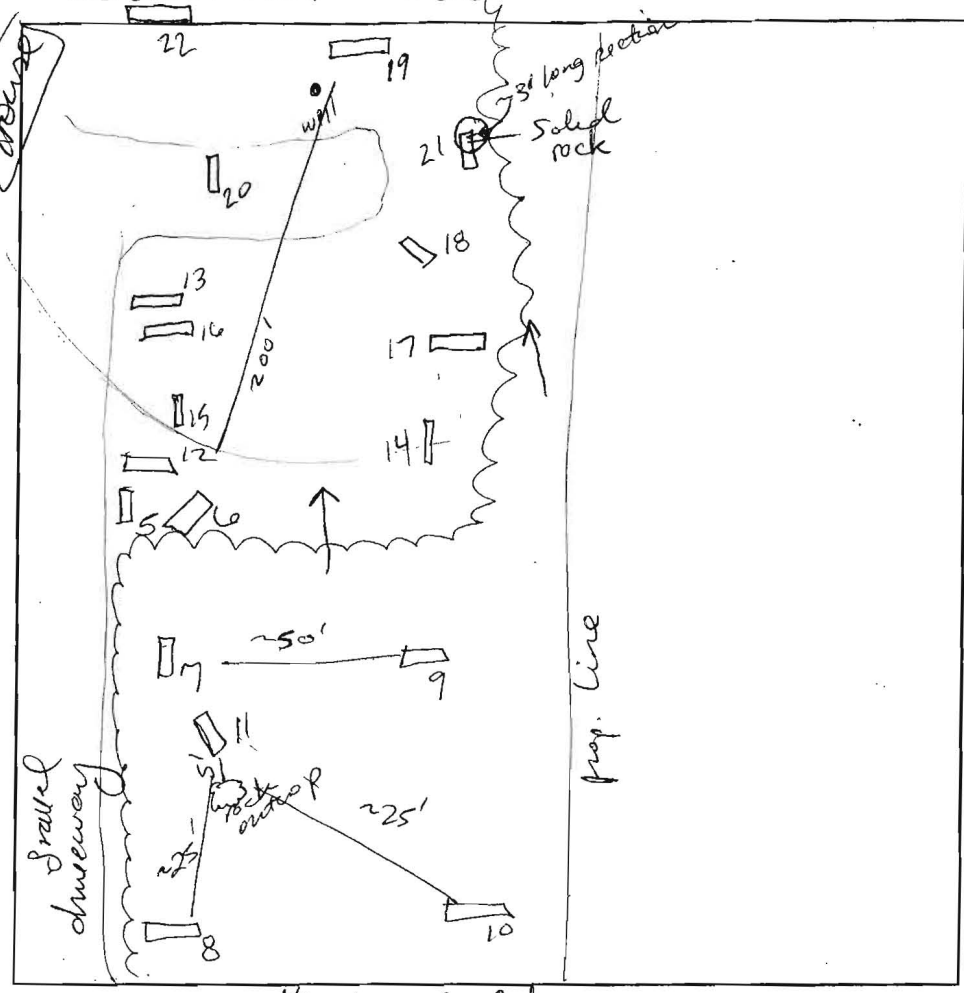
REMARKS _____
 SANITARIAN SF BACKHOE Ralph OTHERS T. McLee owner
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

13'5"

AP 5
 1' feel for driveway
 brown scl ↓ m heavy &
 4' red yellow coarse sl / ls sg.
 50% stony quartz

6
 25" dark brown &
 brown cl sbk micaceous 45% cobbles stony
 4-4.5' red brown coarse sl sg
 ~35% stony cobbles granite
 HB

7
 ~1' brown & feel
 brown m cl dense 15% gravel
 4' sl heavy compact
 4.5" multicolored sl sg
 squalite
 7' 45-50% cobbles stony
 HB



8
 1 1/5' free gravel
 brown scl m
 2' red brown strongly cemented. sl sg
 50% gravel cobbles
 4' red brown ls sg coarse multicolored squalite
 30% gravel 35% cobbles
 12' HB

9
 dark brown &
 brown cl sbk gravel
 3' red brown coarse sl sg
 75% rock cobbles
 5' red brown ls sg
 ~35% cobbles gravel
 10' HB

10
 5" dark brown top soil
 brown cl / scl m
 1' red brown scl strongly cemented. sl sg
 30% gravel
 5.5" sl sg 25% gravel
 7' multicolored ls sg squalite
 14' 10-15% gravel

Highland Rd.

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2nd INCH	P/F/H
1/29/07	5	10'					F
1/31/07	6	8'					F
	7	4'5" / 9'	11:11	11:29	little movement		F
	8	4'5" / 12'	11:15	11:17	11:20	3	P
	9	6' / 10'	10:58	11:00	11:03	3	P
	10	4'5" / 14'	11:42				
		6'	11:55	11:58	12:02	4	P
	11	4'		hard bottom			F

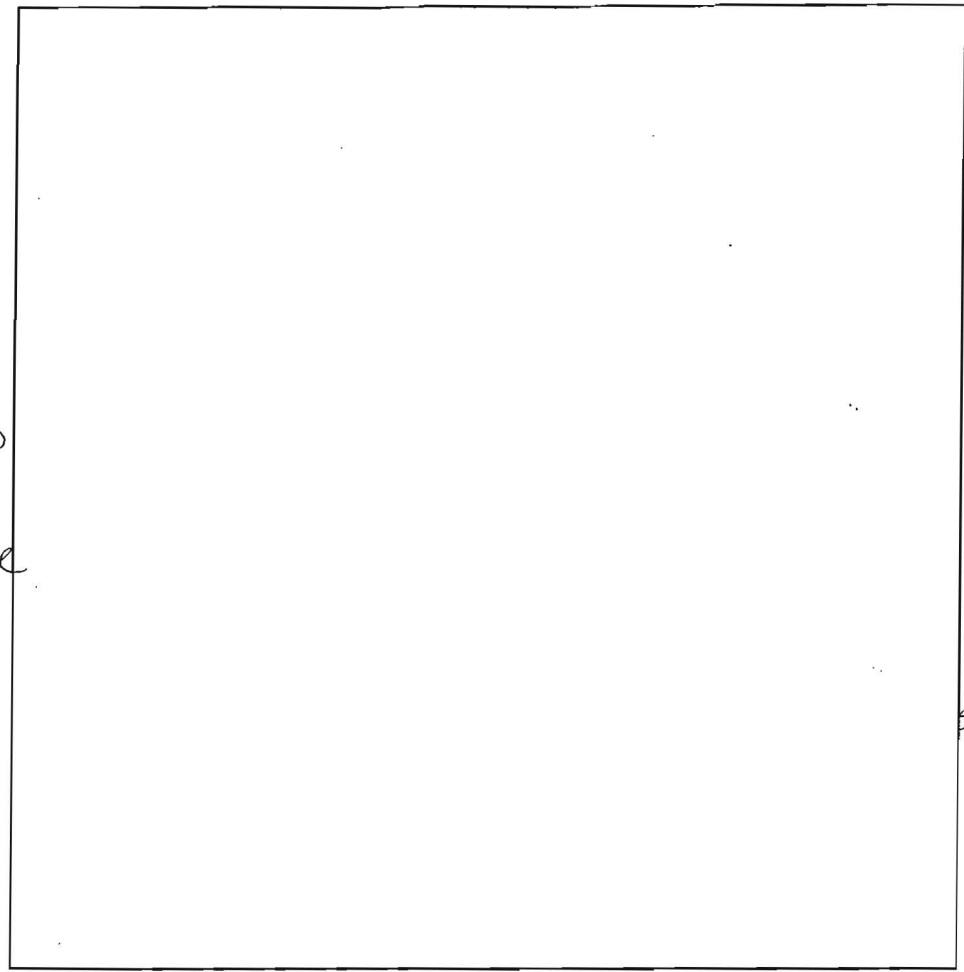
REMARKS _____
 SANITARIAN SF BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

5 backhoes

A/P
17
dark brown
brown.
cl - dense
red brown
scl sbk
brown sl
coarse sg.
Very micaceous
pl (channey
solid blocky)
strongly cemented
saponite

18
yellow brown
cl
multicolored
sl
strongly
cemented
quartz
frags
HB

19
dark brown
brown
cl sbk
25% gravel
cobbles
brown
fine scl
heavy
sbk sl
multicolored
sl/coarse
micaceous
pale red
sl sg
strongly
cemented
15% channery



20
6" gravel
yellow brown
& roots
3.5" red brown
cl in
dense
5.5" red brown
sl
multicolored
saponite
11.5" HB

21
5.1" dark brown
& fine gravel
brown.
scl/cl
dense
45% cobbles
4.5" multicolored
ls sg
strongly cemented
in ground
sand HB

22
12.5" sl/fine?
brown
scl
35-40% cobbles
pale red
multicolored
coarse sl/ls
sg
very micaceous
strongly
cemented
15% channery

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2nd INCH	P/F/H
1/31/07	17	6'5" / 10'	2:04	2:05	2:11	6	P
		L → failed due to		>50% rock			F
	18	6'	cannot bed up hand to do				F
	19	5' / 15'	2:43	3:00 ±			
	"	6'	3:10	3:29			
	"	7'	4:09	4:24	4:54	30	P
	20	6' / 11.5'	3:38	3:50	4:16	26	P
	21	8'	rock/hard ground similar to #18				F
	22	6' / 12.5"	4:01	4:18	4:54	36	F

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

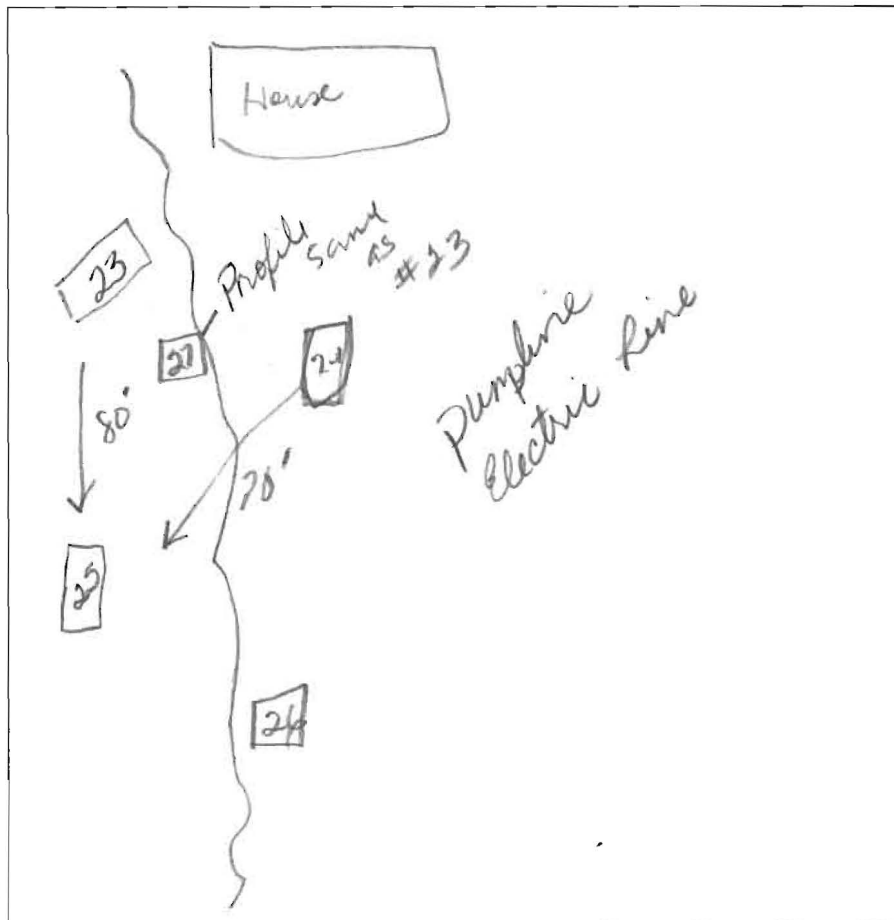
strongly cemented in ground

#24

A/P

#27

Sand
or
23
Visual



R Brn SL
Blk FILL 2'
R Brn
SL
Traces of Rock
VR Brn } 6'
SL mica
Grey } 9'
Red Brn
SL
much
mica
↓ 14'

#26

Fill Br SL
Blk Grey
SL RBR
Small pieces
of Rock
4'
Rd Sh
Mica
Rock Small
6'
Rd Y Brn
Sh Blk mag.
Deposits
8'
R Brn Sh
Refusal 9'

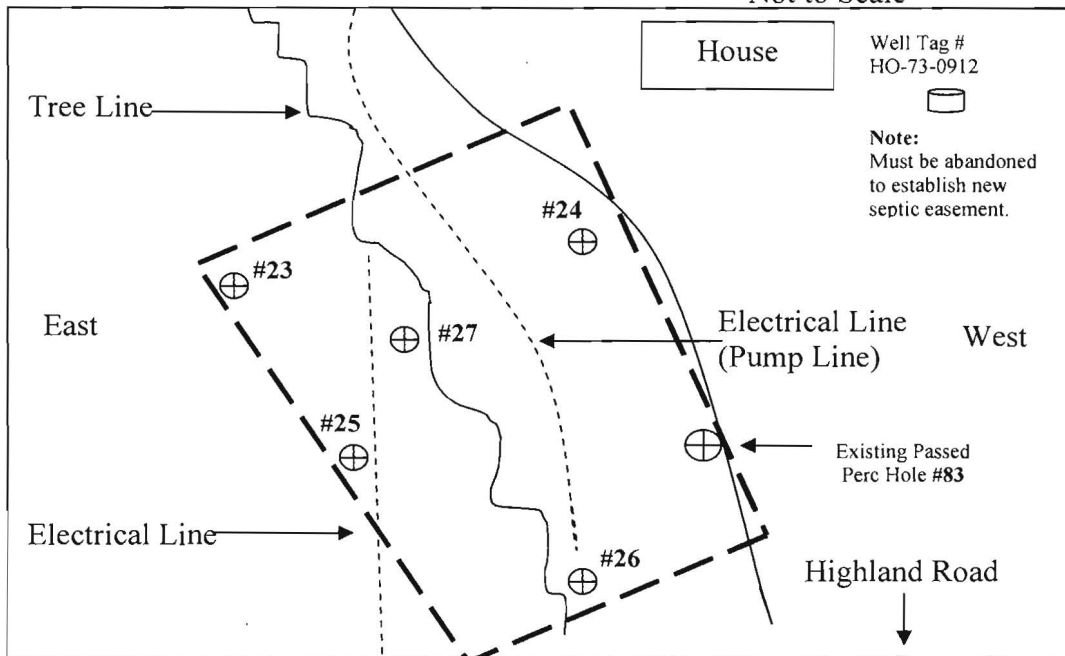
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-12-09	24	14/6	9:51	2nd peg	10:23	STOP	F
Dig to New Depth	24	7	10:40	10:42	10:46	4 min	P
2-12-09	26	9 refusal 4.5	11:50	11:54	12:05	11 min	P

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

Perc Information- Mc Kee Property

Not to Scale

23
 Organic matter
 Sbk, Dk. Gray
 Black SL
 Roots & Fill
 -----10" - 11"
 Yellow-Red
 SiCL
 Mica
 -----5'
 Yel-Red-Brn
 Med.SL
 Much Mica
 Saprolite
 ↓
 Cemented
 Sidewall
 Traces of
 Rock
 -----14'



#26
 Sbk, Dk. Gray
 Black SL
 -----1'
 Red-Brown
 SCL
 -----2'
 Red-Brown
 SCL
 Traces of
 Sm. Stones
 -----4'
 Red-Brn SL
 Much Mica
 -----6'
 Rd-Yel-Brn
 SL
 MnDeposits
 Refusal @ 9'
 -----9'

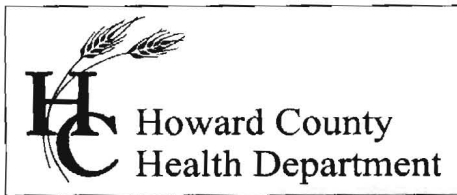
24
 Sbk, Dk. Gray
 Black SL
 -----0.5'
 Red-Brown
 SCL
 Traces of
 Sm. Stones
 -----2'
 Yel- Red-Brn
 SL
 Many Mica
 -----6'
 Red-Brn-SL
 ↓
 25% Saprolite
 -----14'

Date	Test #	Depth	Start	Break 1" Drop	Break 2" Drop	Time of 2 nd Inch	P/F/H
2-12-09	23	7' / 14'	10:28	10:29	10:31	2 min.	Pass
2-12-09	24	6' / 14'	9:51	10:23	Stop	2 nd Peg	Fail
	New Depth	7' / 14'	10:40	10:42	10:46	4 min.	Pass
2-12-09	25	6' / 13'	11:10	11:18	11:32	19 min.	Pass
2-12-09	26	4.5' / 9'	11:50	11:54	12:05	11 min.	Pass
2-12-09	27	14'	Visual				Pass

Soil Profile
 Same as
 Profile #23

25
 Sbk, Dk Brn L
 -----1'
 Red SiCL
 Sbk, Mica
 -----4-5'
 Yellow
 Red-Brn-SL
 Much Mica
 Traces of
 Sm. Stones
 -----5.5 - 6'
 Pale Red-Brn
 Med. SL
 25% Saprolite
 @ 9'Rock
 Refusal on
 East Side
 45% Flaggy
 -----14'

Remarks _____
 Sanitarian ___ DB and SS ___ Backhoe ___ Others _____
 Test Holes Used in ___ 5 ___ Avg. Perc Time ___ 9 ___ SQ.FT/BR _____
 Trench Width ___ 3 ___ Inlet Depth ___ 6 ___ Max Bot.Depth ___ 8 ___ Effective S/W ___ 1 1/2 ___



Bureau of Environmental Health
7178 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

February 18, 2009

RE: **Percolation Test Results**

Purpose: Establish Septic Reserve Area Existing House
Property ID: McKee Property
Tax Map: 34 Parcel: 317

Dear Mr. Mc Kee:

Percolation testing was recently conducted February 12, 2009 on the above referenced property, in an effort to establish a new septic easement. Results indicate satisfactory soil conditions for onsite wastewater disposal and adequate septic reserve area to support the proposed number of bedrooms for a single family dwelling.

A total of 6 test holes were dug. Field data collected is shown on the Percolation Test Worksheets enclosed with this letter. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation.

The next step in this process is to have your engineering consultant submit a Percolation Certification Plan. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Respectfully,

Dana L. Bernard

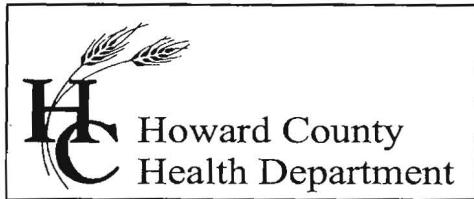
Dana L. Bernard, Sanitarian
Bureau of Environmental Health
Well and Septic Program
Phone (410) 313-2775
Fax (410) 313-2648
E-mail: DBernard@howardcountymd.gov

DLB

Enclosure

cc: Well & Septic program file

Clark-Finefrock & Sackett, Inc.



Bureau of Environmental Health
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

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

February 8, 2007

Thomas McKee
14071 Brighton Dam Rd
Clarksville, MD 21029

RE: PERCOLATION TEST RESULTS – A#525650
13217 Highland Rd

Dear Mr. McKee:


Percolation testing conducted January 29 and January 31, 2007 on the referenced property indicated unsatisfactory and satisfactory soil conditions. Copies of the test results are enclosed. Limiting factors were low permeability, shallow rock, >50% rock, and strongly cemented soils. At this time, a conventional trench system is not an option due to the number of unsatisfactory holes on the site and the inability to configure an appropriate 10,000 square foot sewage disposal area. Sand mound tests may be proposed and conducted on this property. Prior to testing, a percolation certification plan must be submitted to the Health Department with the following content and locations of proposed sand mound sites.

Further review is contingent upon submission of a percolation certification plan showing the following:

- 1) Actual surveyed locations and elevations of all excavated test holes
- 2) House site, including building restriction lines as determined by other County agencies, addition location, and driveway location
- 3) Existing property lines
- 4) Location of existing septic system and well site, include well tag number.
- 5) Proposed SDA
- 6) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) A note stating the engineer used all reasonable efforts to find the location of all surrounding wells and septic systems
- 8) Topography needs to be shown at 2 foot contour intervals and a note certifying topography was field run and verified and reflects field-matched information
- 9) A MDE sewage disposal area statement "This area designates a private sewage disposal area of 10,000 square feet as required by the Maryland Department of the Environment for individual sewage disposal. Improvements of any nature in this area restricted. This sewage disposal area shall become null and void upon connection to a public sewerage system. The county Health Officer shall have authority to grant adjustments to the private sewage disposal area."
- 10) MDE minimum lot width statement
- 11) Include the statement, "Any changes to a private sewage easement shall require a revised perc certification plan"
- 12) Identification of streams, ponds, wetlands, floodplains, slopes >25%, soil types and soil type boundaries
- 13) Legend symbols to distinguish between new holes, any existing holes previously documented (by the HCHD), passed holes, failed holes, and any holes held for future review

- 14) Existing structures, wells, septic easements and other septic system components such as tanks, dry wells and distribution boxes. Description of use and intent designated for each item, e.g. 'to remain' or 'remove.'
- 15) A Health Officer's signature block stating "approved for private water and private sewer systems"
- 16) Professional seal or signed statement that "I certify that the information shown heron is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief."
- 17) Identification of the property, road, street address if applicable, tax map page, parcel number, subdivision name (if appropriate); add purpose statement as appropriate, e.g. subdivision, SDA adjustment, percolation certification plan etc
- 18) Name, address and telephone number of each owner, developer and the plan author.
- 19) The date the plan was drawn, the plan scale (1:30 - 1:100), a scaled vicinity map and, the A # (percolation test fee receipt number, referenced in the HCHD correspondence)

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-4261.

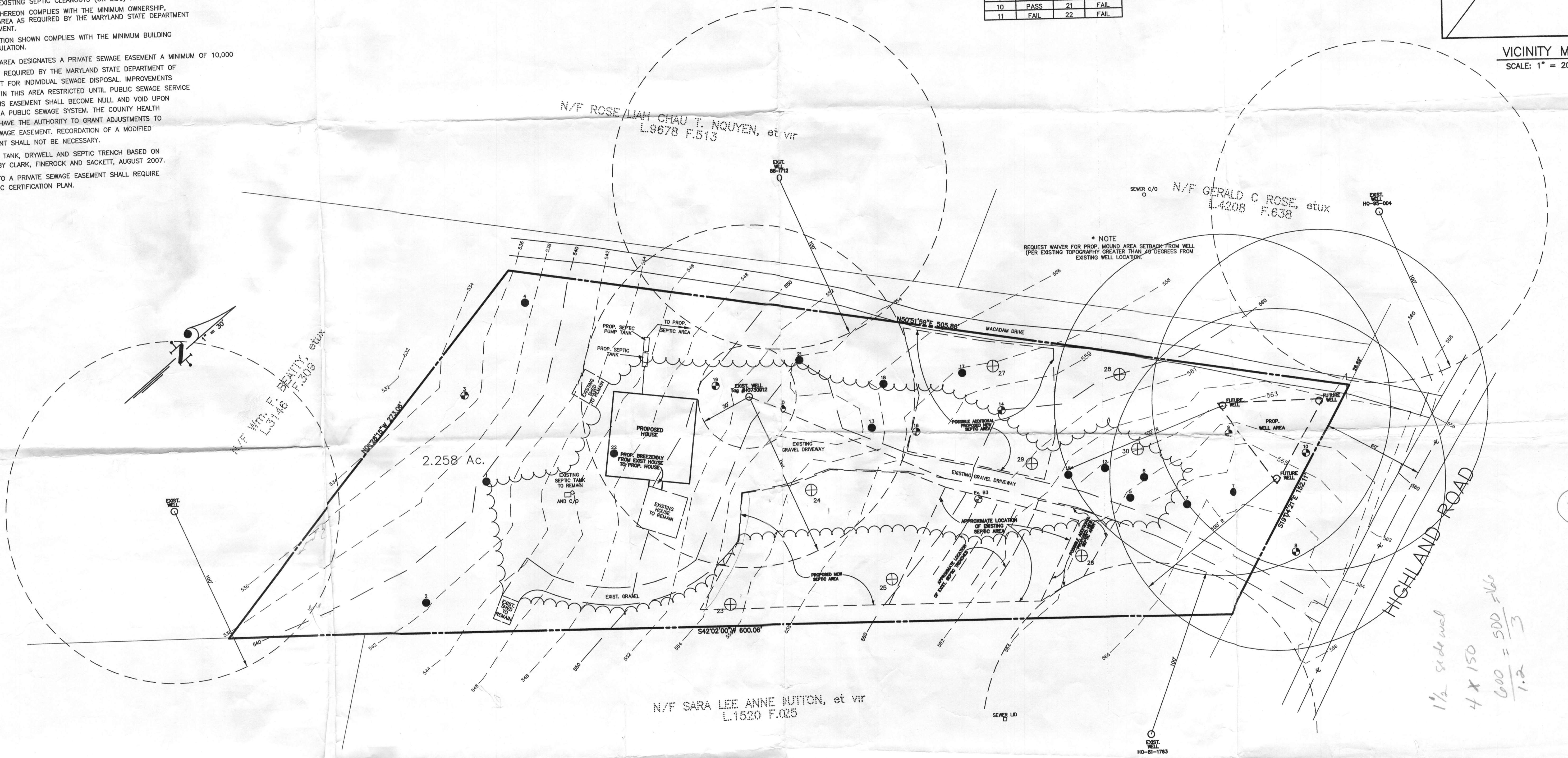
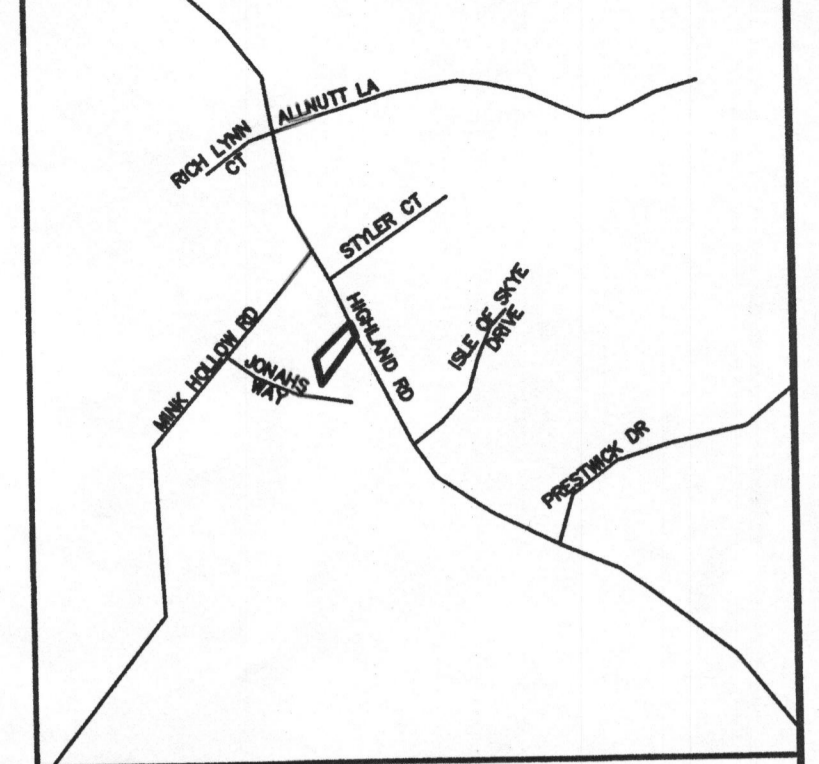
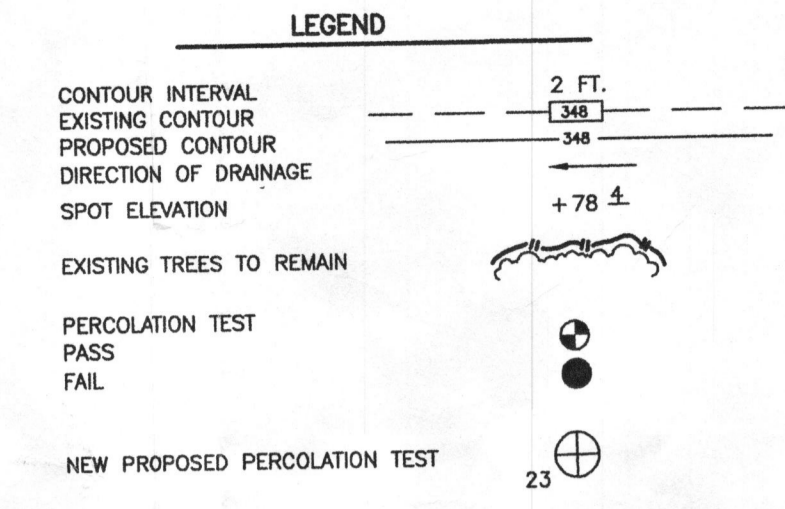
Sincerely,

Sara Fegel, R.S.
Well and Septic Program
Development Coordination Section

Enclosures

GENERAL NOTES:

1. LOT SIZE = 2.258 AC.
2. ZONING = RR-DEO.
3. TOPOGRAPHY SHOWN WAS FIELD RUN BY CLARK, FINEFROCK AND SACKETT, AUGUST 2007
4. PROPERTY LOCATION = TAX MAP 34 GRID 21.
5. PROPERTY IS IDENTIFIED AS PARCEL 317, MCKEE PROPERTY
6. THERE ARE EXISTING WELLS AND SEPTIC AREAS WITHIN 100 FT. OF THE PROPERTY. THE EXISTING WELLS AND THE EXISTING SEPTIC CLEANOUTS (OR LIDS) HAVE BEEN SHOWN ON THIS PLAN.
7. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
8. THE HOUSE LOCATION SHOWN COMPLIES WITH THE MINIMUM BUILDING RESTRICTION REGULATION.
9. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT A MINIMUM OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA RESTRICTED UNTIL PUBLIC SEWAGE SERVICE IS AVAILABLE. THIS EASEMENT 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. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
10. EXISTING SEPTIC TANK, DRYWELL AND SEPTIC TRENCH BASED ON FIELD SURVEY BY CLARK, FINEFROCK AND SACKETT, AUGUST 2007.
11. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

PERC #	PASS/FAIL	PERC #	PASS/FAIL
1	FAIL	12	FAIL
2	FAIL	13	FAIL
3	PASS	14	PASS
4	FAIL	15	FAIL
5	FAIL	16	PASS
6	FAIL	17	FAIL
7	FAIL	18	FAIL
8	PASS	19	PASS
9	PASS	20	PASS
10	PASS	21	FAIL
11	FAIL	22	FAIL

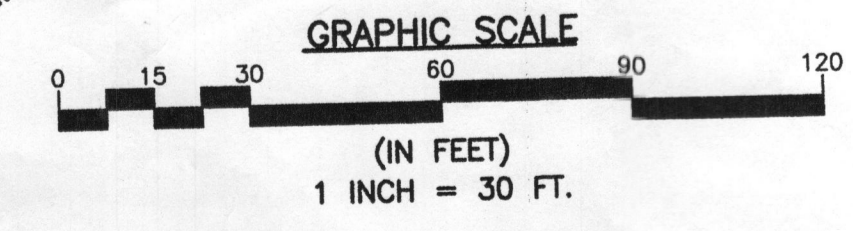


* NOTE
REQUEST WATER FOR PROP. MOUND AREA SETBACK FROM WELL (PER EXISTING TOPOGRAPHY GREATER THAN 45 DEGREES FROM EXISTING WELL LOCATION.)

PERC CERTIFICATION
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK DONE UNDER MY SUPERVISION, AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.



William L. Machen
WILLIAM L. MACHEN
DATE: 08 Dec 08



1/2 Sidewalk
4 x 150
600 = 500 / 1.2 = 166 / 3

APPROVED: FOR PUBLIC (OR PRIVATE) WATER AND PUBLIC (OR PRIVATE) SEWERAGE SYSTEMS:

COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT
DATE

CLARK · FINEFROCK & SACKETT, INC.
ENGINEERS · PLANNERS · SURVEYORS
7135 MINSTREL WAY · COLUMBIA, MD 21045 · (410) 381-7500 BALT. · (301) 621-8100 WASH.

DESIGNED DH	PERCOLATION APPLICATION PLAN MCKEE PROPERTY PARCEL 317, TAX MAP 34, GRID 21 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN JPH		DRAWING 1 of 1
CHECKED WM/DH		JOB NO. 07-019
DATE 12-08-08		OWNER: THOMAS MCKEE 13217 HIGHLAND RD HIGHLAND, MARYLAND 20777

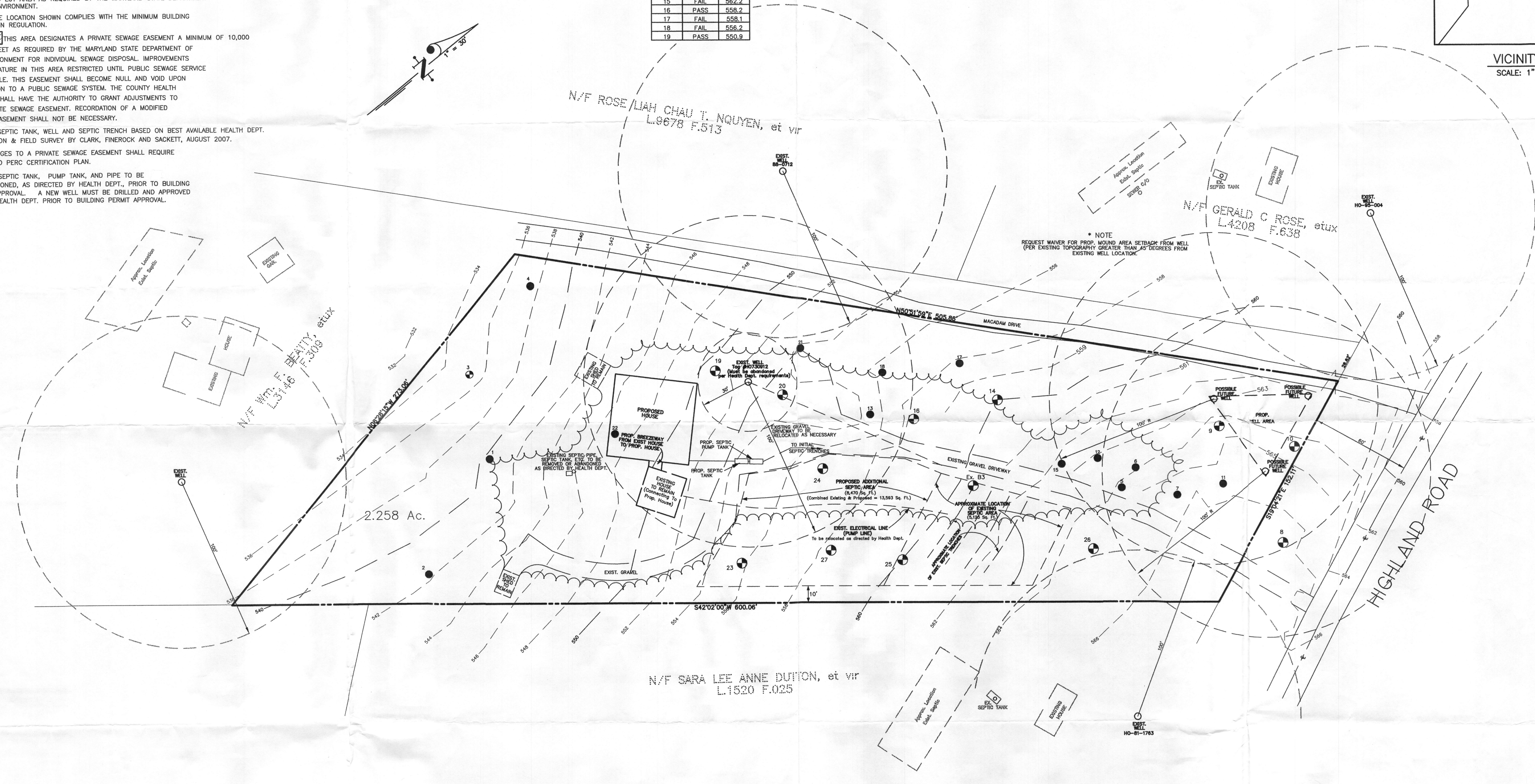
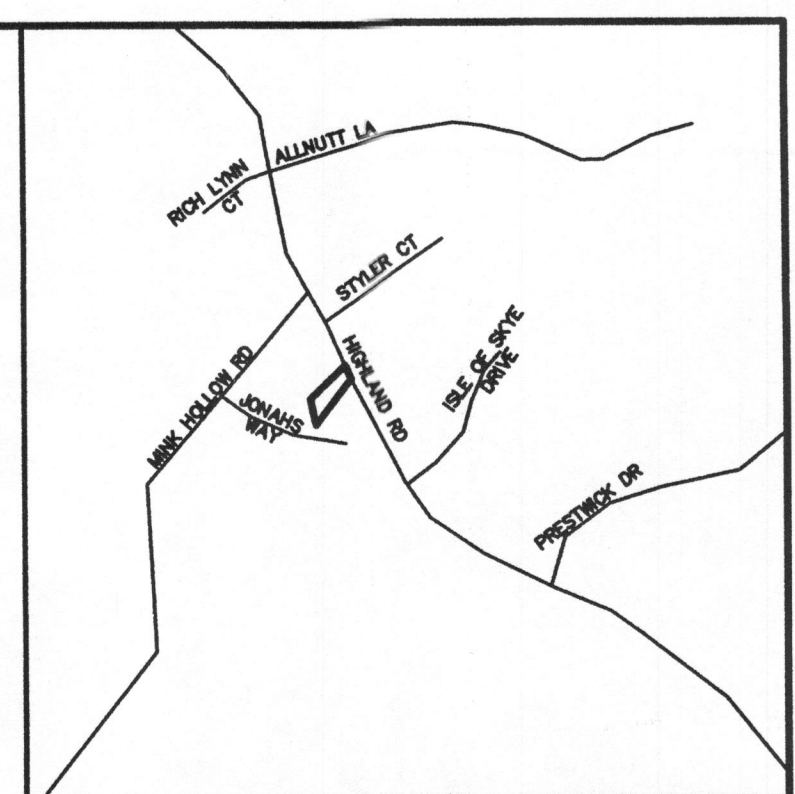
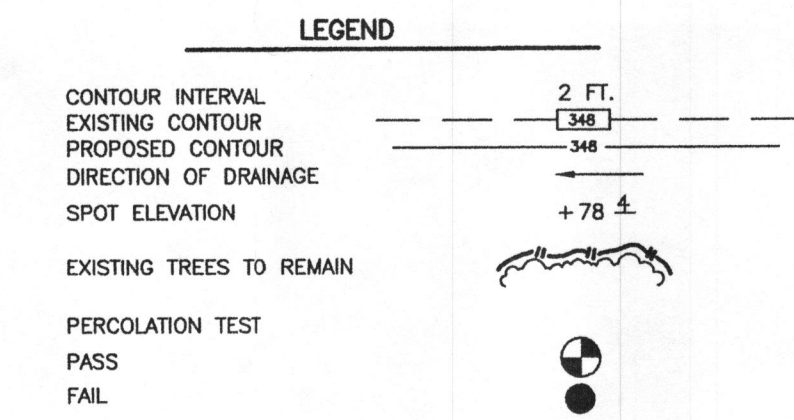
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10. EXISTING SEPTIC TANK, WELL AND SEPTIC TRENCH BASED ON BEST AVAILABLE HEALTH DEPT. INFORMATION & FIELD SURVEY BY CLARK, FINEFROCK AND SACKETT, AUGUST 2007.
11. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
12. EXISTING SEPTIC TANK, PUMP TANK, AND PIPE TO BE ABANDONED, AS DIRECTED BY HEALTH DEPT., PRIOR TO BUILDING PERMIT APPROVAL. A NEW WELL MUST BE DRILLED AND APPROVED BY THE HEALTH DEPT. PRIOR TO BUILDING PERMIT APPROVAL.

PERC #	PASS/FAIL	ELEV.
1	FAIL	540.3
2	FAIL	541.8
3	PASS	535.5
4	FAIL	537.6
5	FAIL	564.2
6	FAIL	563.9
7	FAIL	565.5
8	PASS	566.2
9	PASS	564.4
10	PASS	564.3
11	FAIL	565.6
12	FAIL	563.1
13	FAIL	554.9
14	PASS	560.0
15	FAIL	562.2
16	PASS	558.2
17	FAIL	558.1
18	FAIL	556.2
19	PASS	550.9

PERC #	PASS/FAIL	ELEV.
20	PASS	553.3
21	FAIL	554.1
22	FAIL	555.1
23 *	PASS	556.4
24 *	PASS	557.2
25 *	PASS	560.2
26 *	PASS	565.1
27 *	PASS	558.2

NOTE: NEW PERCOLATION TEST SITES NUMBERS NOTED WITH * ARE THE SITES PERTAINING TO THE PROPOSED SEPTIC AREA. ALL OTHER TEST SITES WERE FROM PREVIOUS TESTING IN OTHER PREVIOUSLY PROPOSED AREAS.



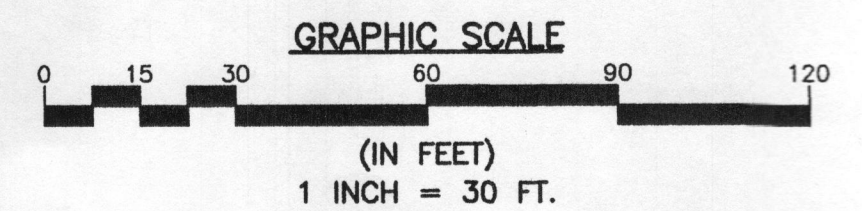
PERC CERTIFICATION

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK DONE UNDER MY SUPERVISION, AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.



G. Nelson Clark
G. NELSON CLARK
MARYLAND LICENSED P.E. NO. 7139

4-24-09
DATE



APPROVED: FOR PUBLIC (OR PRIVATE) WATER AND PUBLIC (OR PRIVATE) SEWERAGE SYSTEMS:

William A. Peter Beilensen 5/7/2009
COUNTY HEALTH OFFICER DATE
HOWARD COUNTY HEALTH DEPARTMENT

CLARK · FINEFROCK & SACKETT, INC. ENGINEERS · PLANNERS · SURVEYORS		SCALE 1" = 30'
7135 MINSTREL WAY · COLUMBIA, MD 21045 · (410) 381-7500 BALT. · (301) 621-8100 WASH.		DRAWING 1 of 1
DESIGNED DH	PERCOLATION CERTIFICATION PLAT MCKEE PROPERTY PARCEL 317, TAX MAP 34, GRID 21 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 07-019
DRAWN JPH/DH		FILE NO. 07-019-X
CHECKED WM/DH		
DATE 04-23-09	OWNER: THOMAS MCKEE 13217 HIGHLAND RD HIGHLAND, MARYLAND 20777	

GENERAL NOTES:

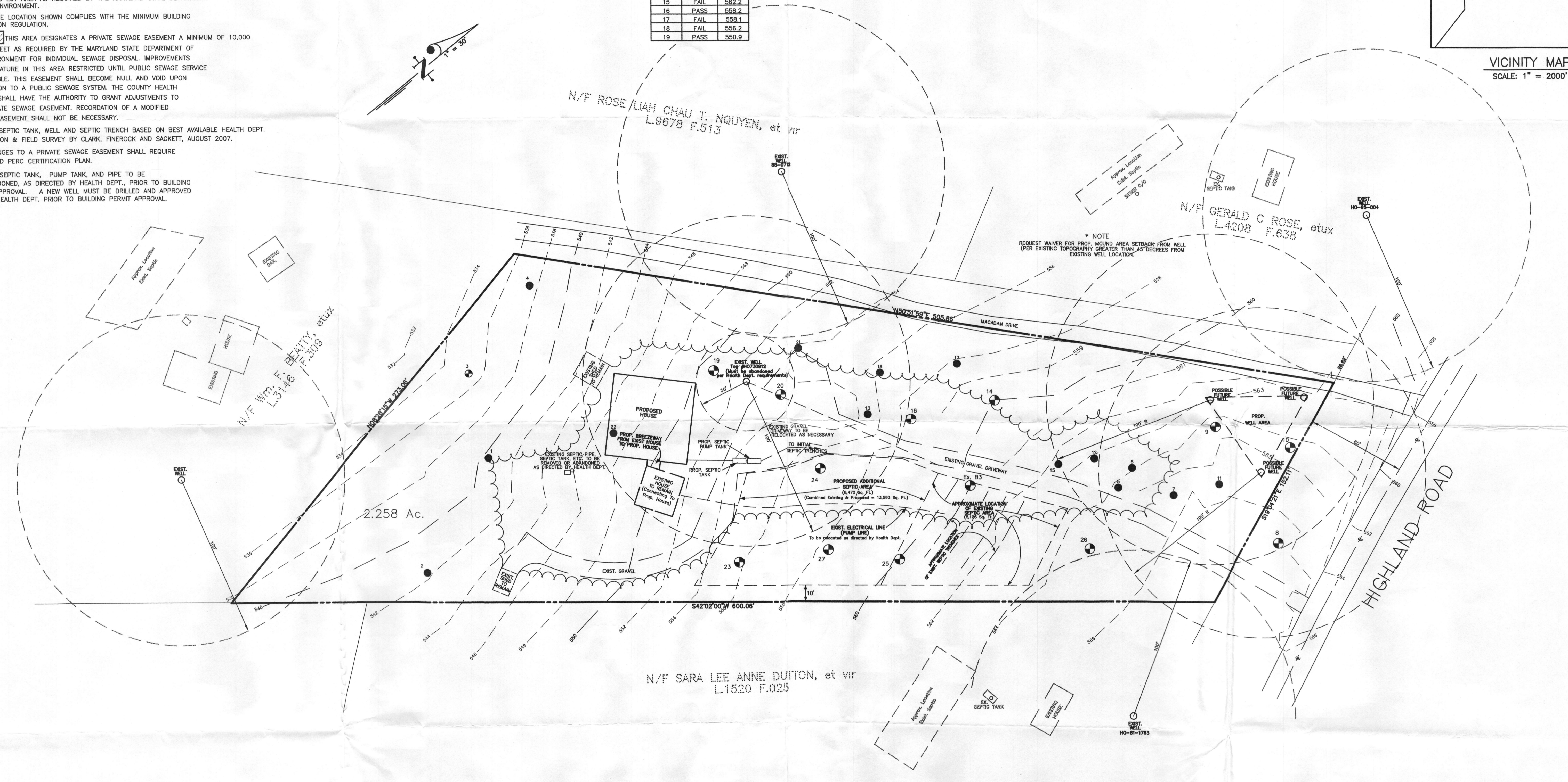
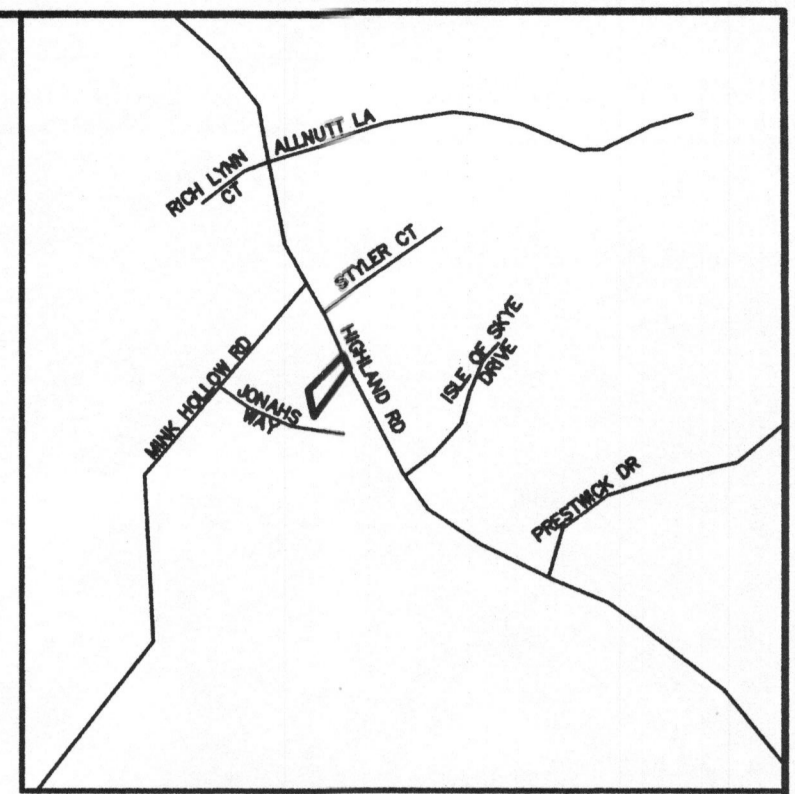
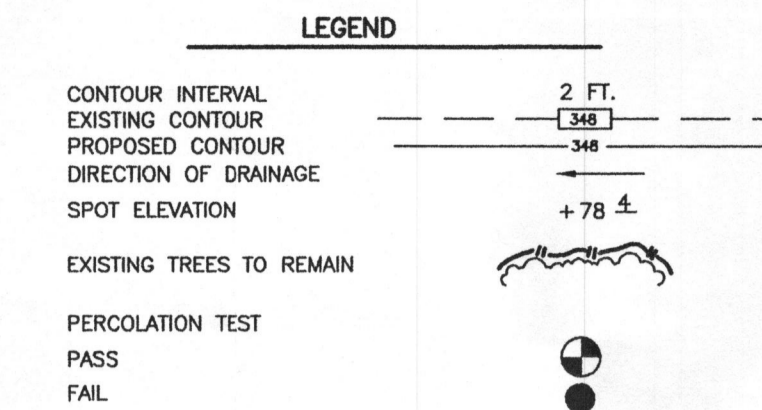
THE PURPOSE OF THIS PLAN IS TO ESTABLISH ADDITIONAL SEPTIC AREA FOR A NEW SINGLE FAMILY DETACHED DWELLING WITH 5 BEDROOMS. THE EXISTING HOUSE IS TO BE ATTACHED TO THE NEW PROPOSED HOUSE, APPROXIMATELY AS SHOWN ON THIS PLAN.

1. LOT SIZE = 2.258 AC.
2. ZONING = RR-DEO.
3. TOPOGRAPHY SHOWN WAS FIELD RUN BY CLARK, FINEFROCK AND SACKETT, AUGUST 2007
4. PROPERTY LOCATION = TAX MAP 34 GRID 21.
5. PROPERTY IS IDENTIFIED AS PARCEL 317, MCKEE PROPERTY
6. THERE ARE EXISTING WELLS AND SEPTIC AREAS WITHIN 100 FT. OF THE PROPERTY. THE EXISTING WELLS AND THE EXISTING SEPTIC CLEANOUTS (OR LIDS) HAVE BEEN SHOWN ON THIS PLAN.
7. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
8. THE HOUSE LOCATION SHOWN COMPLIES WITH THE MINIMUM BUILDING RESTRICTION REGULATION.
9. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT A MINIMUM OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA RESTRICTED UNTIL PUBLIC SEWAGE SERVICE IS AVAILABLE. THIS EASEMENT 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. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
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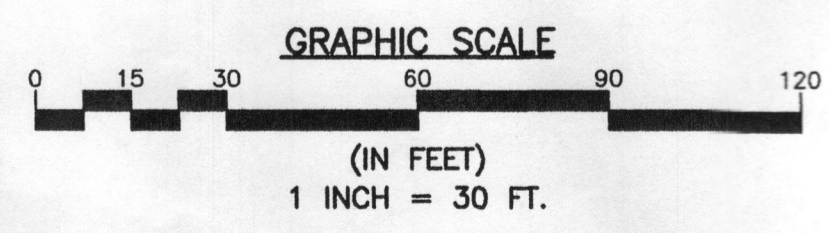
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G. Nelson Clark
G. NELSON CLARK
MARYLAND LICENSED P.E. NO. 7139

4-24-09
DATE



APPROVED: FOR PUBLIC OR PRIVATE WATER AND PUBLIC OR PRIVATE SEWERAGE SYSTEMS:

B. Nyman for Peter B. Silversen
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT

5/7/2009
DATE

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DESIGNED DH	<p>PERCOLATION CERTIFICATION PLAT</p> <p>MCKEE PROPERTY</p> <p>PARCEL 317, TAX MAP 34, GRID 21 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p> <p>OWNER: THOMAS MCKEE 13217 HIGHLAND RD HIGHLAND, MARYLAND 20777</p>	SCALE 1" = 30'
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