

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE 3/20/08

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 5 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)

Could not achieve reb 10/17/08 Limited to 4 Bedrooms

PROPERTY OWNER(S) (William E. & W.F. Teal) / Contract Purchaser: Brigitte Droegemeyer

DAYTIME PHONE 301-758-1976 CELL _____ FAX _____

MAILING ADDRESS 872R Doris Drive Arnold Maryland 21012

APPLICANT E. David Harward (with Clark, Finerock, & Sackett, Inc.)

DAYTIME PHONE 410-381-7500 ^{Ext 229} CELL 240-271-8505 FAX 410-381-7533

MAILING ADDRESS 7135 Minstrel Way Columbia Maryland 21045

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

PROPERTY LOCATION Subdiv Location
SUBDIVISION/PROPERTY NAME N/A Parcel 44 - North of McKendree Rd / East of Hobbs Rd. Parcel LOT NO. 44

PROPERTY ADDRESS 2732 McKendree Road Glenwood, Maryland 21738

TAX MAP PAGE(S) 14 GRID 11 PARCEL(S) 44 EXISTING PROPOSED LOT SIZE 1.565 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.

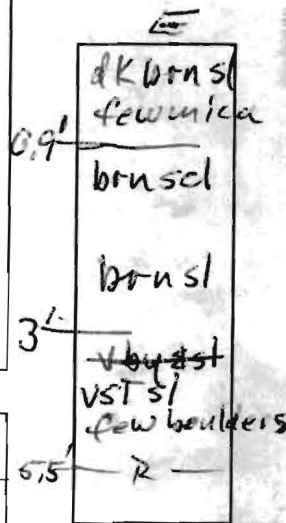
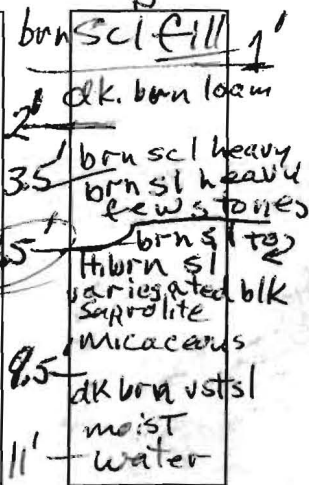
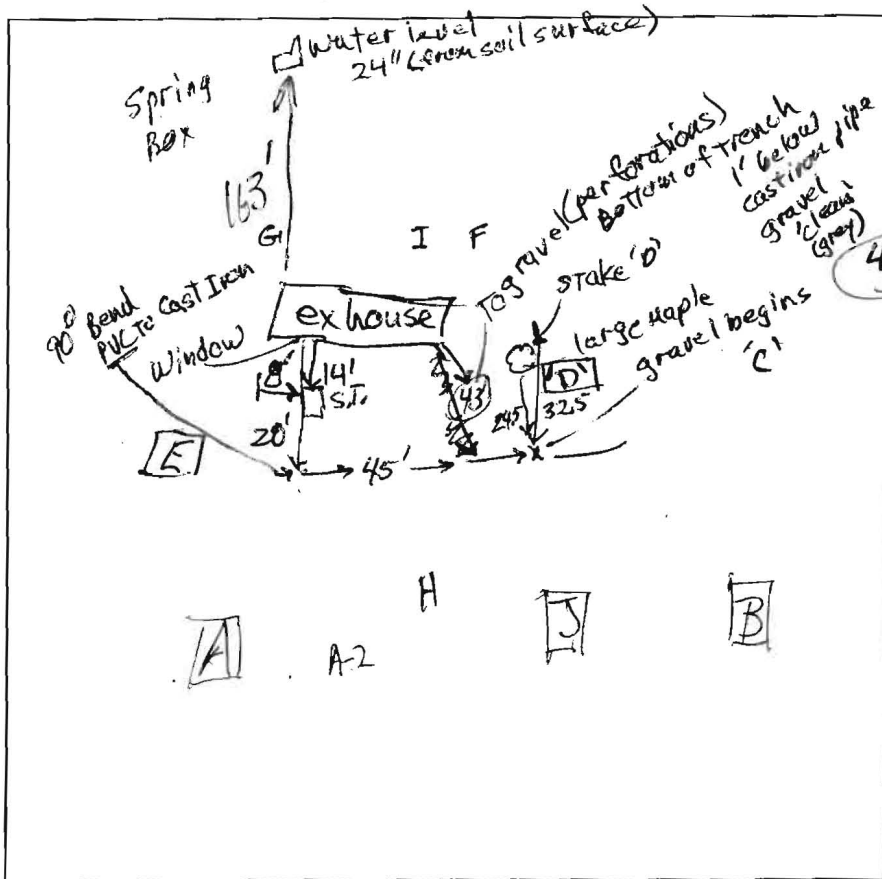
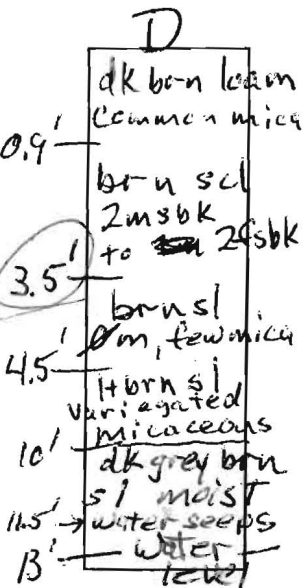
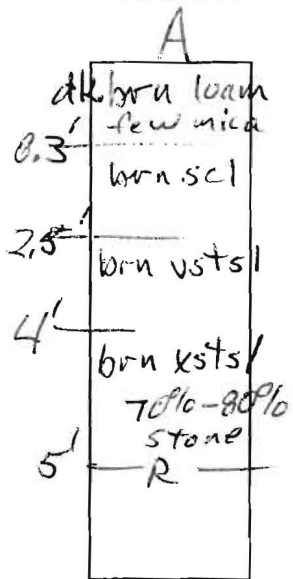
TEST RESULTS WILL BE MAILED TO APPLICANT. E. David Harward (Consultant)
SIGNATURE OF APPLICANT

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

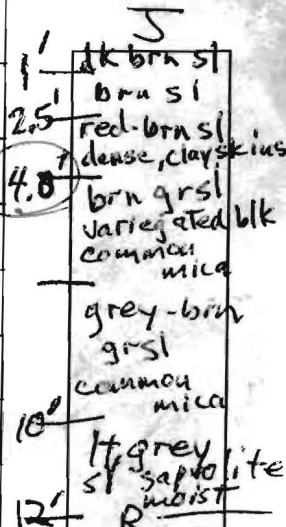
2732 McKendree Rd.

B

AP



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/2/08	B	6' / 9.5'	10:42	10:51	11:10	19	P
4/2/08	D	5' / 10'	11:20	11:23	11:26	3	P
4/2/08	J	5.3' / 10'	5:18	5:33	6:01	28	P
4/2/08	E	3'	Visual	>50% stones & boulders			F
4/2/08	A	4'	Visual	>50% stone & refusal			F



REMARKS: 'C' - Did Not Test; existing system in this area

SANITARIAN RB BACKHOE Darrell OTHERS Jeff

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

MOUND TEST DATA SHEETS

Property I.D. 2732 McKendree Lot # _____ Date 4/2/08

Sanitarian RB Landscape Position Side Slope

% Slope 7 Soil Type _____ Contractor _____

HOLE # F DEPTH OF TEST 19" START TIME 2:45

dk brn sl
2 fsbk & 1 fsbk
7"
brn sl
1 msbk
common mica
18"
brn scl
1 msbk
common mica
(more dense)
↓ 28"

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
9 16/16	Begin	—		
9 13/16	10	3/16		
9 11/16	10	2/16		
9 9/16	10	2/16		
9 7/16	10	2/16		
9 5/16	10	2/16		
9 3/16	10	2/16		
		13/16" < 1"/hr		

Fail
|||

Began equilibration at 2:25

HOLE # G DEPTH OF TEST 22" START TIME 2:50

black sl
1 fsbk
common mica
9"
brn sl, 1 fsbk
common mica
16"
brn scl
1 msbk
common mica
24"
brn chsl
↓ 26"

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/16	Begin	—		
9 11/16	10	2 1/16		
8 9/16	10	18/16		
7 9/16	10	16/16		
6 10/16	10	15/16		
5 14/16	10	12/16		
5 2/16	10	12/16		
4 6/16	10	12/16		

Pass

(60/10) (12/16) = 4.5"/hr.

Began equilibration at 2:30

MOUND TEST DATA SHEETS

Property I.D. 2732 McKendree Rd. Lot # _____ Date 4/2/08

Sanitarian RB Landscape Position _____

% Slope 4 Soil Type _____ Contractor _____

HOLE # E DEPTH OF TEST 14" START TIME 12:42

dk brn sl
1 vfsbk & fgr
9"
brn scl
2msbk
common mica
16"
brn sl
1 fsbk
common mica
few stone & gravel
irregular
boundary
28" dipping to 36"
very stony sl
& boulders (few)
>50% rock

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/16	begin	12:42	—	—
9 5/16	5	9/16		
8 13/16	5	8/16		
8 5/16	5	8/16		
8	5	5/16		
7 10/16	5	6/16	4.5/16	
7 7/16	5	3/16		
7 3/16	5	4/16		
6 14/16	5	5/16		
6 9/16	5	5/16		
6 5/16	5	4/16		

← apparent seep at infiltrrometer - Tamped with foot

Pass

$(\frac{60}{5}) (\frac{4.5}{16}) \approx 3.4 \text{ "/hr}$

12:04 - begin equilibration

HOLE # A DEPTH OF TEST 12" START TIME 12:40
offset 15'

dk brn sl
1 vfsbk & fgr
few mica
7"
brn scl
1 fsbk
common mica
gradual boundary
17"
brn sl
1 fsbk
27"
brn & red-brn sl, fm
stones at 30"
& below
60"

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/16	begin	—	—	—
10 5/16	5	11/16		
9 10/16	5	11/16		
8 15/16	5	11/16		
8 5/16	5	12/16		
7 12/16	5	9/16	6.75/16	
7 10 3/16	5	9/16		
6 10/16	5	9/16		
6 -	5	10/16		

Pass

$\frac{9}{16} \times 3 = \frac{27}{16} = 1 \frac{11}{16}$
6.75

$(\frac{60}{5}) (\frac{9}{16}) = 6.75 \text{ "/hr}$

12:06 begin equilibration

MOUND TEST DATA SHEETS

Property I.D. 2732 McKendree Lot # _____ Date 4/2/2008

Sanitarian RB Landscape Position _____

% Slope _____ Soil Type _____ Contractor _____

HOLE # H DEPTH OF TEST 14" START TIME 3:50

Brn. sl
1 f/sbk
few mica
12"

brn sl
2 msbk
common mica
17"

brn sl
1 msbk
common mica
30"

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/16	Begin	—	—	
10 4/16	10	12/16		
9 8/16	10	12/16		
8 12/16	10	12/16		
8 —	10	12/16		

4% slope

Pass

4.5" / hr

Began equilibration at 3:50

HOLE # I DEPTH OF TEST 24" START TIME 4:25

dk brn sl
few mica
1 f/sbk

brn sl
7 f/sbk
common mica

brn sl (heavier)
common mica
1 f/sbk
23"

brn sl
7 msbk
few mica
24"

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/16	Begin	—	—	
9 16/16	10	16/16		
9 2/16	10	14/16		
8 4/16	10	12/16		
7 10/16	10	10/16		
9 16/16	reset	—	—	
9 6/16	10	10/16		
8 10/16	10	10/16		
8 —	10	10/16		

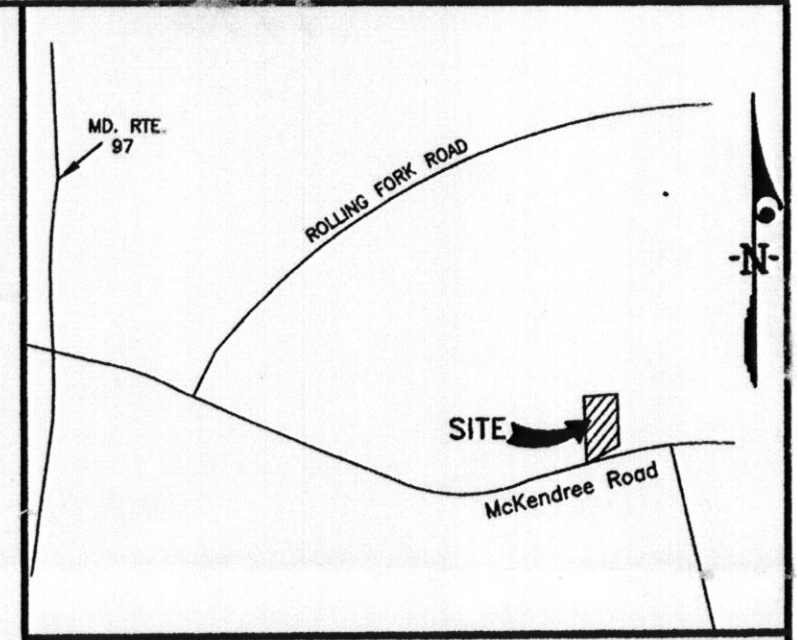
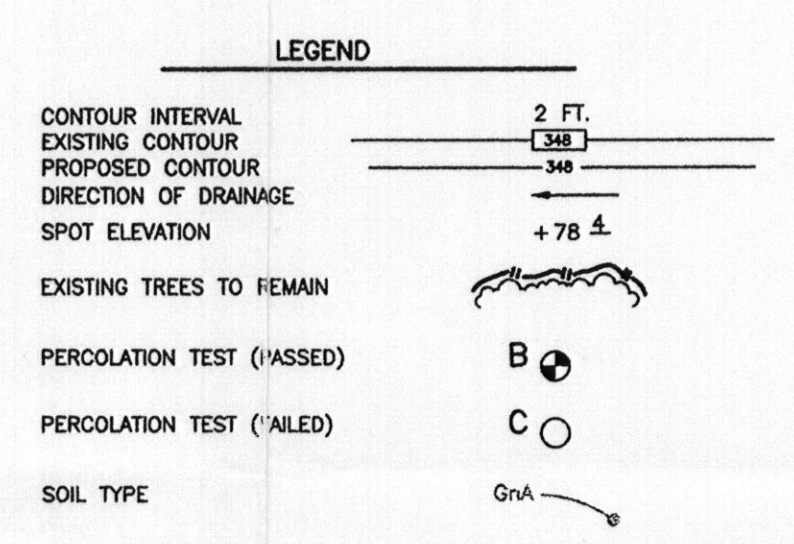
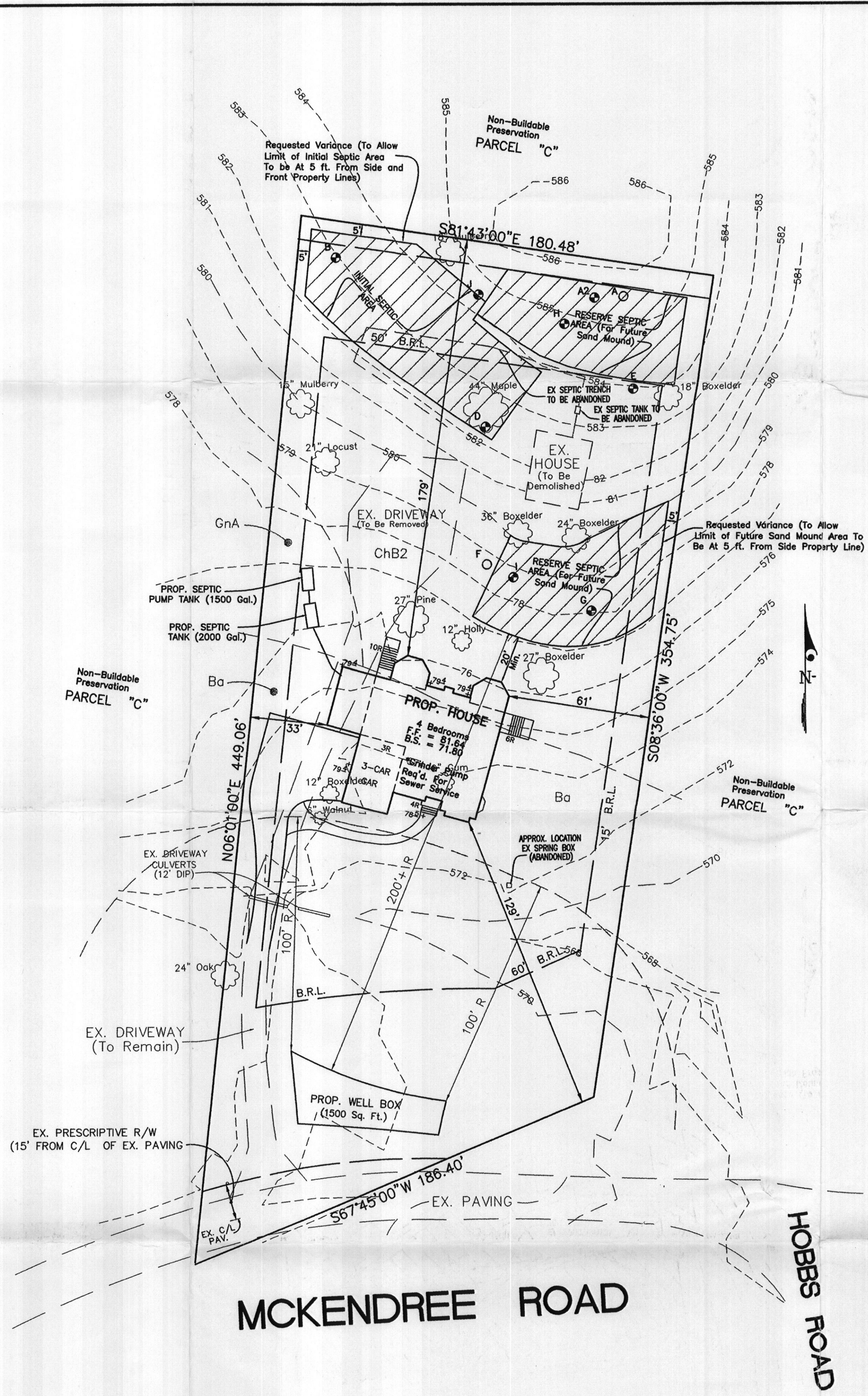
7%

reset

Pass

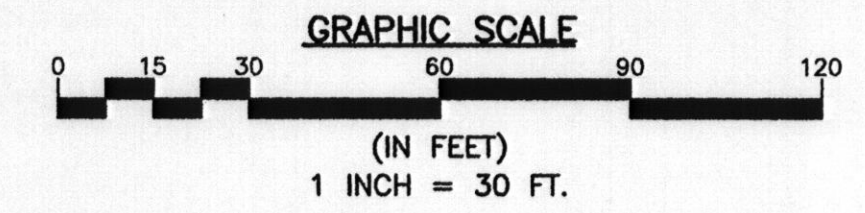
3.75" / hr

Began equilibration at 4:05



PERC #	PASS/FAIL	ELEVATION	COMMENTS
A	FAIL	585.10	FAILED FOR CONVENTIONAL TRENCH
A-2	PASS	584.90	PASSED FOR FUTURE SAND MOUND AREA
B	PASS	583.00	PASSED FOR CONVENTIONAL TRENCH
C	NOT TESTED	580.40	NOT TESTED
D	PASS	585.10	PASSED FOR CONVENTIONAL TRENCH
E	PASS	583.80	PASSED FOR FUTURE SAND MOUND AREA
F	FAIL	578.80	FAILED FOR CONVENTIONAL TRENCH
G	PASS	578.40	PASSED FOR FUTURE SAND MOUND AREA
H	PASS	584.60	PASSED FOR CONVENTIONAL TRENCH
I	PASS	578.80	PASSED FOR FUTURE SAND MOUND AREA
J	PASS	583.90	PASSED FOR CONVENTIONAL TRENCH

- GENERAL NOTES:**
- THE PURPOSE OF THIS PLAN IS TO ESTABLISH NEW SEPTIC AREAS FOR A NEW SINGLE FAMILY DETACHED DWELLING, WITH 4 BEDROOMS.
 - LOT SIZE = 1.565 AC. ZONING = RR-DEO.
 - TOPOGRAPHY SHOWN WAS FIELD RUN BY CLARK, FINEFROCK AND SACKETT, APRIL 2008.
 - PROPERTY LOCATION = TAX MAP 14 GRID 11. PROPERTY IS IDENTIFIED AS PARCEL 44.
 - PROPERTY HAS SOILS TYPES: GnA (Glenville silt loam - C soil), Ba (Baile silt loam - D soil), and ChB2 (Chester silt loam - B soil).
 - THERE ARE NO WELLS AND/OR SEWAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY AS INDICATED.
 - THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT. THIS LOT WAS CREATED PRIOR TO MARCH 1972.
 - THE HOUSE LOCATION SHOWN COMPLIES WITH THE MINIMUM BUILDING RESTRICTION REGULATION.
 - THIS AREA DESIGNATES PRIVATE SEWAGE EASEMENTS 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.
 - ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
 - THE WELL FOR THE PROPOSED HOUSE MUST BE DRILLED AND APPROVED BY THE HEALTH DEPARTMENT PRIOR TO BUILDING PERMIT APPLICATION APPROVAL.
 - THE LOCATION OF THE EXISTING SEPTIC SYSTEM IS BASED ON BEST FIT OF DATA REFERENCED TO SURVEYED (STAKE AND HOUSE) LOCATIONS AS DESCRIBED BY THE ENVIRONMENTAL SANITARIAN WHOM OBSERVED THE PERCOLATION TESTS ON APRIL 2, 2008.
 - THE EXISTING SEPTIC TANK IS TO BE ABANDONED PRIOR TO BUILDING PERMIT APPROVAL.
 - THE SAND MOUND AREAS DELINEATED AND IDENTIFIED ON THIS PARCEL MUST BE PROTECTED BY A FIXED BARRIER AT ALL TIMES DURING DEMOLITION, GRADING, AND CONSTRUCTION ACTIVITIES. THEREAFTER PROTECTIVE MEASURES SHOULD BE IMPLEMENTED TO PROTECT THESE AREAS FROM EROSION AND ENCROACHMENT BY WHEELED VEHICLES. SUBSEQUENT BUILDING PERMIT APPLICATIONS MAY BE DENIED SHOULD THE SAND MOUND AREAS BE UNSATISFACTORY FOR THE INTENDED USE.
 - INSTALLATION OF THE INITIAL DRAINFIELD MAY REQUIRE CROSSING THE EXISTING SYSTEM. ANY DRAINFIELD PIPE CROSSING THE EXISTING SYSTEM WILL BE INSTALLED AT A LOWER ELEVATION THAN THE EXISTING PIPE.



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS:
 COUNTY HEALTH OFFICER
 HOWARD COUNTY HEALTH DEPARTMENT
 7/14/2008

PROFESSIONAL CERTIFICATE
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, license no. 7139, expiration date: 8-21-10.
 G. NELSON CLARK
 6-26-08
 Date



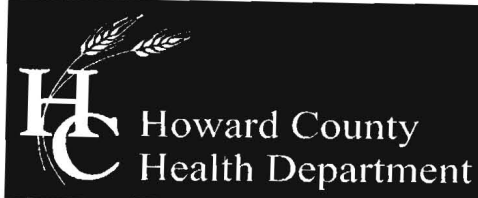
PERC CERTIFICATION
 I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK DONE UNDER MY SUPERVISION, AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.
 G. NELSON CLARK
 6-26-08
 Date

OWNER/DEVELOPER: Brigitte Droegemeyer
 872R Doris Drive
 Arnold, Maryland 21012
 (FORMER OWNER: William E and W.F. Teal
 1811 Quarter Horse Drive
 Woodstock, Maryland 21163)

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

DESIGNED DH	PERC CERTIFICATION PLAT 2732 MCKENDREE ROAD PARCEL 44 Tax Map 14, Grid 11 FOURTH TAX ASSESSMENT DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN ZH/DH		DRAWING 1 of 1
CHECKED DH	OWNER/DEVELOPER: Brigitte Droegemeyer 872R Doris Drive Arnold, Maryland 21012	JOB NO. 08-013
DATE 06-26-08		FILE NO. 08-013

PC-526625



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(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

To: David Harward, Consulting Engineer
Clark, Finefrack & Sackett

From: Robert Bricker, RS, CPSS
Environmental Sanitarian, Well and Septic Program

RE: Percolation Test Report, 2732 McKendree Raod, A526625

Date: April 14, 2008

Dear Mr. Harward,

Percolation testing was conducted on the subject property on April 2, 2008. Standard soil profile descriptions and percolation tests were completed at 3 locations (B, D and J). At 2 other locations (A and E) the soil profile was described to the relatively shallow depth at which excavation by backhoe was greatly impeded by indurate rock.

Soil properties in the upper 2 feet at locations A and E seemed conducive to infiltration of water to depth of at least 24 inches, therefore infiltrometer tests were conducted at locations A-2, H and E (25 feet offset from stake E). To delineate a potential third system, infiltrometer tests F, G and I were conducted downslope (south) from the existing residential structure, an area having a relatively shallow water table.

Location 'I' was tested because location F had a very slow (re: 'Failing') rate of infiltration. Locations G, H, and A-2 represent the area shallowly underlain by an indurate rock layer. These 3 locations have 'Passing' infiltration rates. As a result of the infiltrometer tests, two sand mound sites have been identified: one at the northeast corner of the subject property, and one that has an uphill 'footprint' boundary about 15 to 20 feet downslope from the existing house.

Results at test locations 'A-2', 'E' and 'H' represent the permeability of the most restrictive soil layer in the upper 24 inches of soil in the northeast corner of the subject property. The area is nearly level and may accommodate a sand mound having a relatively large footprint.

Test locations 'I' and 'G' had PASSING infiltration rates and (together with FAILING location 'F') define a somewhat smaller area in front of the existing residence that is appropriate for a sand mound. This area is slightly sloping and the depth of suitable soil properties extends beyond 24 inches. The uphill boundary of this potential sand mound location may be defined by two large trees.

The locations of the existing septic tank and existing effluent distribution pipe adversely effect the total potential area available as wastewater disposal area for a new residence. A hand-drawn sketch was made of the tank and pipe locations, referencing the existing house and staked percolation test locations. These data may be transferred to a location survey, thereby accurately representing the existing system location. The depth of the existing distribution pipe is 3 feet with a foot of gravel beneath it. The design of

the distribution layout is for a 'spill and fill' system. The gravel in the upper trench is grey (re: relatively clean) while the gravel in the lower trench is coated black.

A new system immediately uphill (re: north) of the existing distribution pipe will have a Trench Bottom at 5.5 feet, and may have an Inlet at 2-to-3 feet. Effective Sidewall begins at 4 feet depth. Distribution lines following elevation contours would intersect the existing distribution pipe. Observing a 5-foot setback to the existing distribution pipe and a 5 to 10 foot setback to the back property line, I estimate there is adequate absorption area to serve a 4 or 5-bedroom residence in the area represented by test locations 'B', 'D' and 'J'. This will need to be confirmed by reference to the location survey of the subject property.

A spring box located about 163 feet south of the existing house appears to be the only potential source of drinking water existing on the property. The water table was observed at a depth of about 24 inches inside the concrete-block box. Black PVC pipe has been used to conduct water under pressure to the existing house.

Percolation results were sent via facsimile several days ago. If you have any questions regarding those results or the development of the Percolation Certification Plan, please contact me at the above address or by calling (410) 313-2691.

Respectfully,



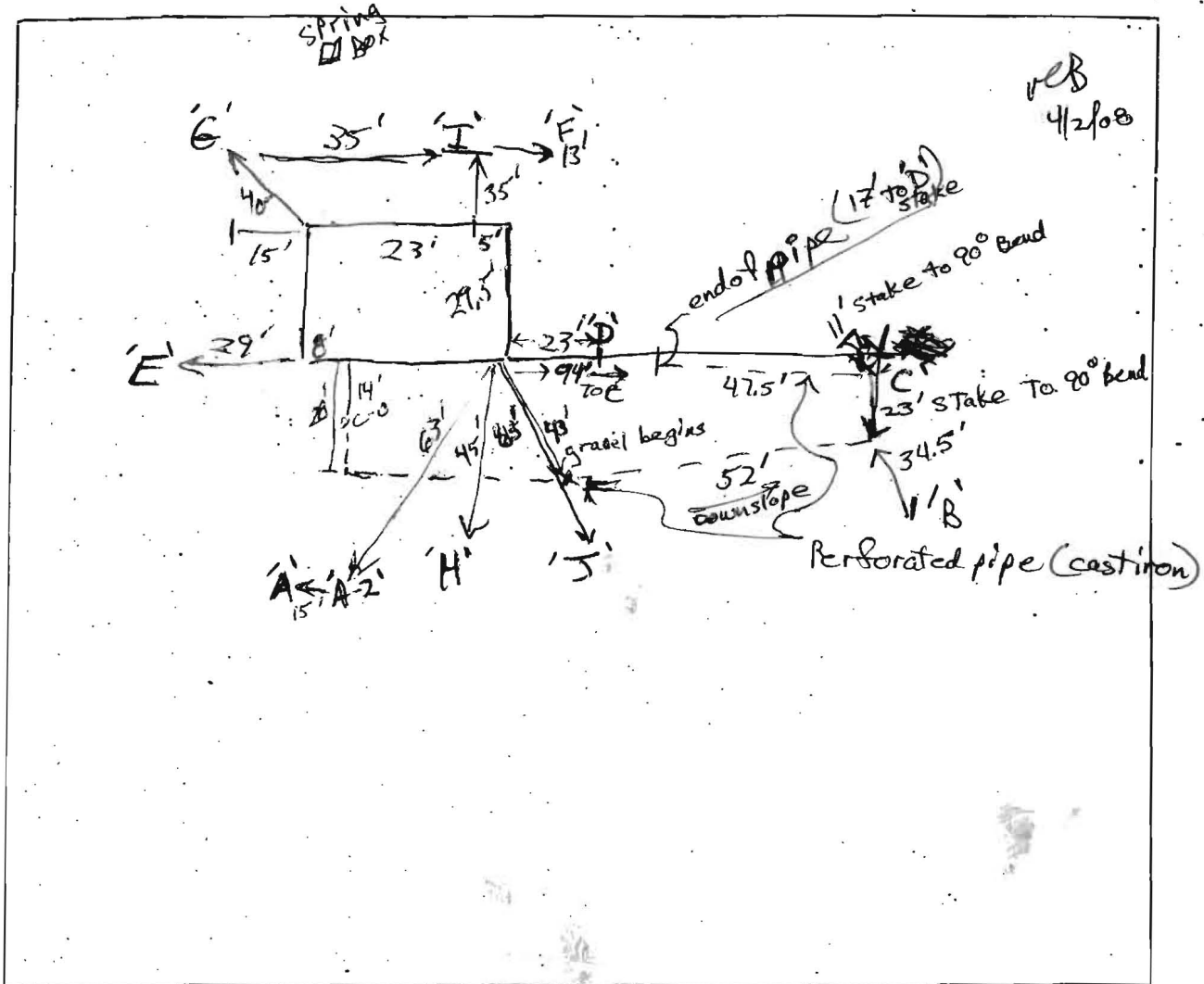
Robert Bricker, RS, CPSS
Well and Septic Program
Development Coordination Section

Copy: Brigitte Droegemeyer, Contract-Purchaser
file

SITE INSPECTION SHEET

OWNER: WE & WF Teal PHONE #: _____
 ADDRESS: 2732 Mekendree Rd. CONTRACTOR: _____
 WELL TAG #: NO Well (spring box)
 SUBDIVISION: _____ LOT: _____ COUNTY #: _____
 PROPOSAL: Locations of tests shown: 'A', 'A-2', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'I', 'J'.

LOCATION DIAGRAM

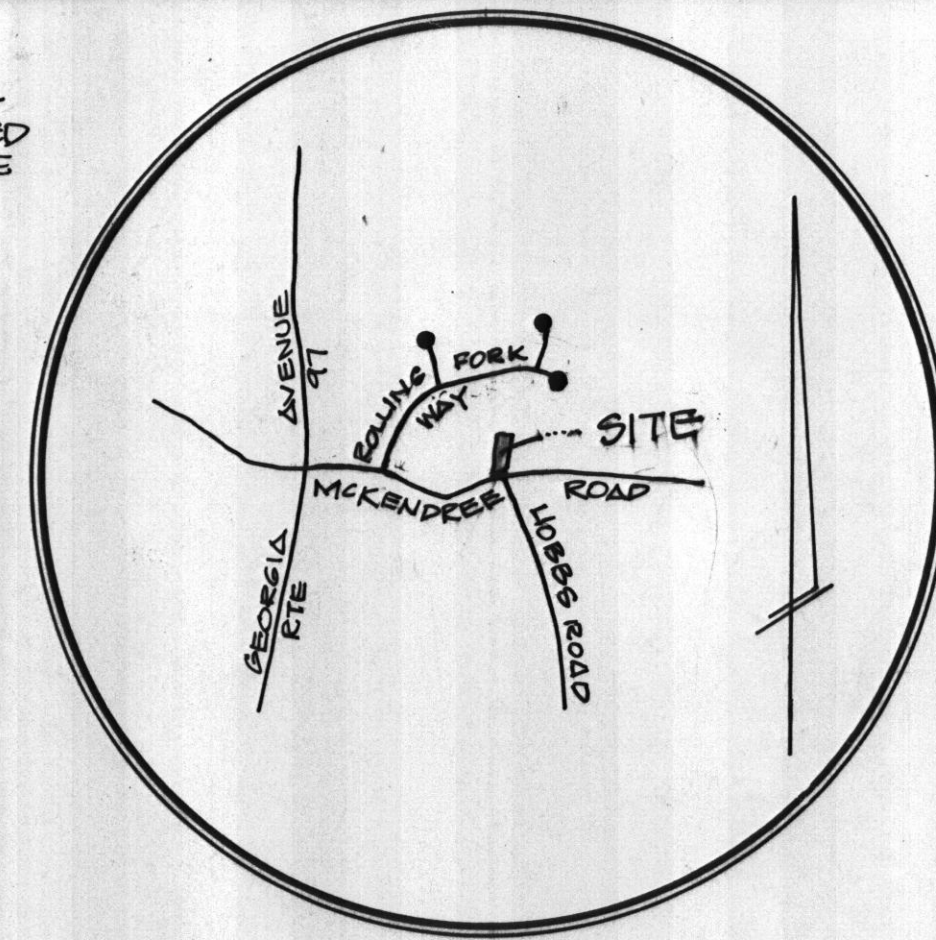


COMMENTS: Location 'c' was not tested
Staked locations 'A' to 'E' were referenced to locate
existing drainpipe and other test locations 'A-2' & 'F' thru 'J'.

LEGEND

- EX. SEPTIC SYSTEM
- PROP. SEPTIC AREA
- PROP. PERC TEST
- PROP. WELL (3411/14)
- EX. CONTOUR
- 15% SLOPE

ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN ONE HUNDRED (100') FEET OF THIS PROPERTY ARE SHOWN.



VICINITY MAP
SCALE: 1"=2000'

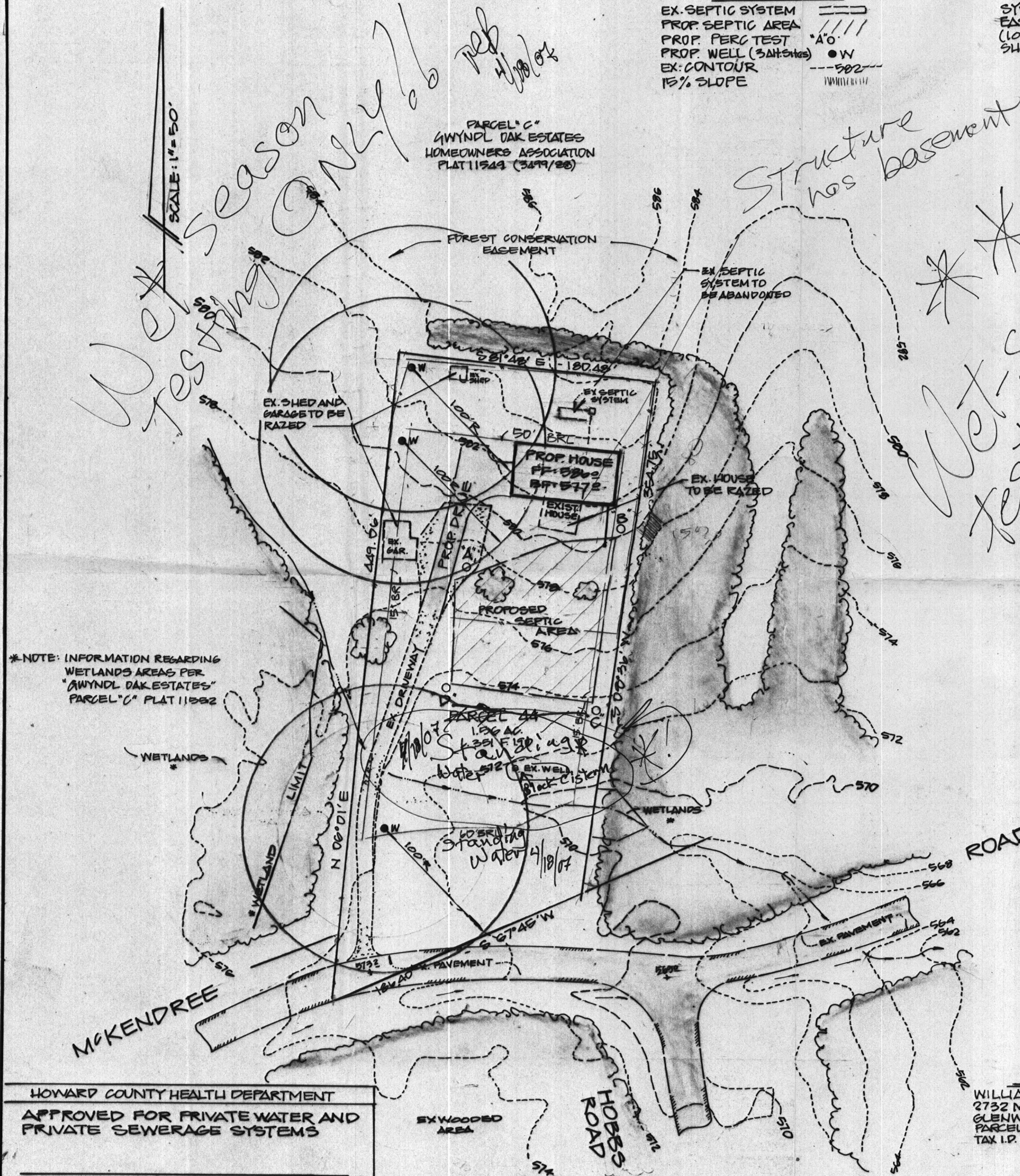
Wet-Season Only
Testing ONLY
Feb 11/07

Structure has basement

Wet-Season Only
Testing ONLY

PARCEL "C"
GWINDL OAK ESTATES
HOMEOWNERS ASSOCIATION
PLAT 11549 (3/19/88)

*NOTE: INFORMATION REGARDING WETLANDS AREAS PER "GWINDL OAK ESTATES" PARCEL "C" PLAT 11549



MDE STATEMENT

THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.

CERTIFICATION

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dean Packard 4/3/07
DEAN PACKARD, MD. P.E. 116513 DATE



NOTE: ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

PERC TEST PLAN

2732 MCKENDREE ROAD
GLENWOOD, MD. 21738-7719
PARCEL 44 - TAX MAP 14-6R1D11
L. 351 F. 190 - ZONED: RCPD
ELECTION DISTRICT 4-HOWARD CO.
DATE: MARCH 22, 07-SCALE: 1"=50'

OWNER

WILLIAM E. & W. F. TEAL
2732 MCKENDREE RD
GLENWOOD, MD. 21738
PARCEL 44 - TAX MAP 14-6R1D11
TAX I.D. NO. 04-321600

Wet-Season Only
Tests ONLY

HOWARD COUNTY HEALTH DEPARTMENT
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HEALTH OFFICER _____ DATE _____

P.G. ASSOCIATES, INC.
CIVIL ENGINEERS * SURVEYORS * LAND PLANNERS
932 HUNGERFORD DRIVE, SUITE 48
ROCKVILLE, MARYLAND 20850
PHONE (301) 309-1351