



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 527208

AGENCY REVIEW: _____

DATE 6/12/07

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 _____ 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) Bryan Dawdy

DAYTIME PHONE 202-586-0450 CELL 443-827-9138 FAX 202-586-0309

MAILING ADDRESS 5210 Ilchester Oaks Way Ellicott City Maryland 21043

STREET CITY/TOWN STATE ZIP

APPLICANT Same as Owner

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 Parcel 104 LOT NO. 1

PROPERTY ADDRESS 5000 Green Bridge Road Dayton, Maryland 21036

STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID 13 PARCEL(S) 104 ^{EXISTING} PROPOSED LOT SIZE 1.0 ac.

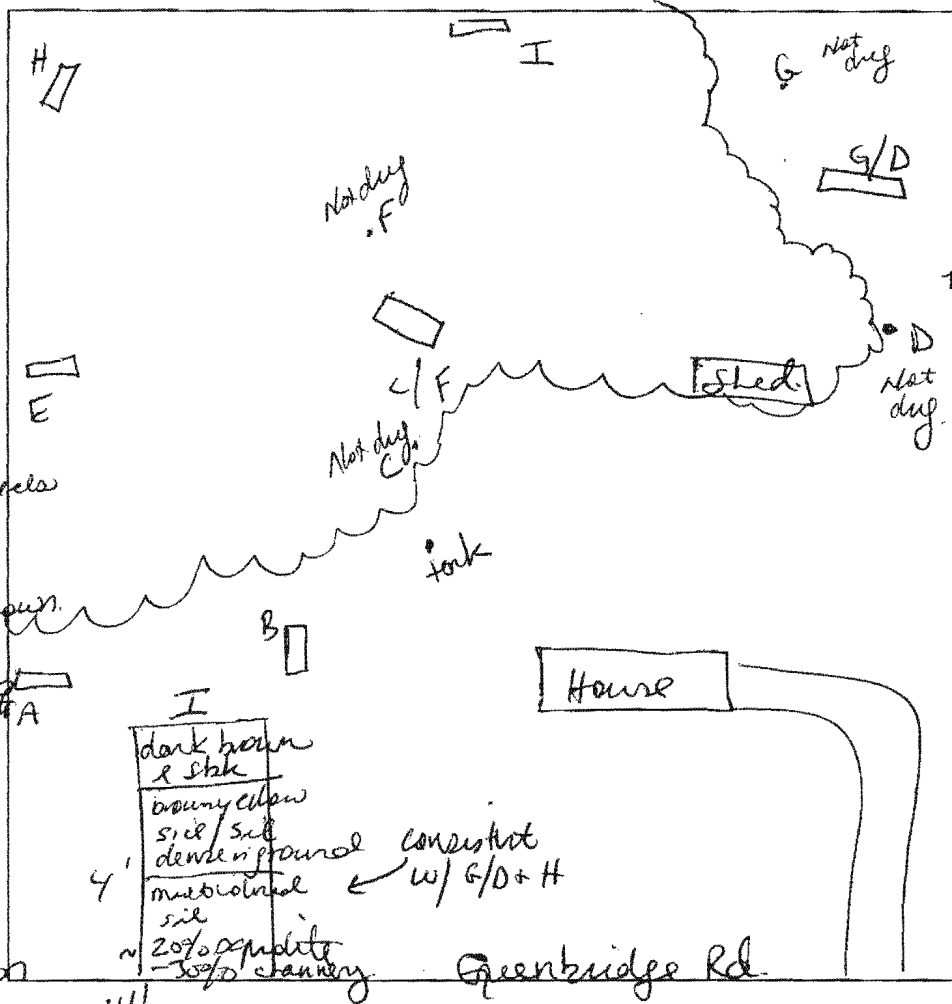
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A.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

TEST RESULTS WILL BE MAILED TO APPLICANT. _____
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

A/P 527208

G/D
 2.5" dark brown & sbk
 brown yellow & sbk
 1.7" dense in ground
 brown yellow silty sbk
 2' strong brown silty sg dense in ground. 15% cobble/ gravel
 4' strong brown silty
 5' 20% pale red silty sg. 20% saprolite A
 6' 20% pale red silty sg. 20% saprolite A
 14' **H**
 brown & sbk roots
 strong brown sbk silty micaceous
 2.3' yellow brown heavy silty dense in ground. Saprolite
 4.1/2-5' multi-colored (brown yellow red brown) medium silty sg (rock frags) 35% clanner saprolite micaceous
 13.3' **E**
 dark brown sbk & roots
 2.5" brown yellow heavy & dense in ground
 1.9" strong brown sbk silty dense in ground
 3.4" transition w/ saprolite
 2.4' pale red medium silty sg dense in ground 45% gravel
 13' 30% clanner saprolite



B
 1' dark brown & sbk roots
 2.5" strong brown silty in heavy silty
 brown yellow pale red medium silty sg micaceous
 5' ? Phyllite 20% (decomposing saprolite)
 15.5' 25% saprolite

A
 dark brown & sbk
 strong brown silty/heavy silty
 3' brown yellow pale red silty sg
 ~30% saprolite
 consistent w/ B

F/C
 dark brown & sbk roots
 brown yellow & dense in ground
 3' red brown silty/sbk, dense silty
 4' brown yellow/pale red medium silty sg 20% saprolite
 14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/5/07	H	5'5" / 13'3"	9:42	9:44	9:46	2	P
	E	5' / 13'	9:58	10:02	10:10	8	P
	B	4'5" / 15'5"	10:23	10:24	10:25		
			10:26	10:27	10:29	2	P
	A	14'					P
	F/C	5' / 14'	10:53	10:55	10:58	3	P
	G/D	4'3" / 14'	11:10	11:11	11:13	2	P
	I	14'					P

REMARKS: dry per plan except F/C & G/D which dry between
 SANITARIAN SF BACKHOE South Carroll OTHERS help down on plan.
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SAW _____



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

July 24, 2007

Mr. Bryan Dowdy
5210 Ilchester Oaks Way
Ellicott City, Maryland 21043

RE: PERCOLATION TEST RESULTS –
A#527208
5080 Green Bridge Road

Dear Mr. Dowdy,

Percolation testing conducted July 5, 2007 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

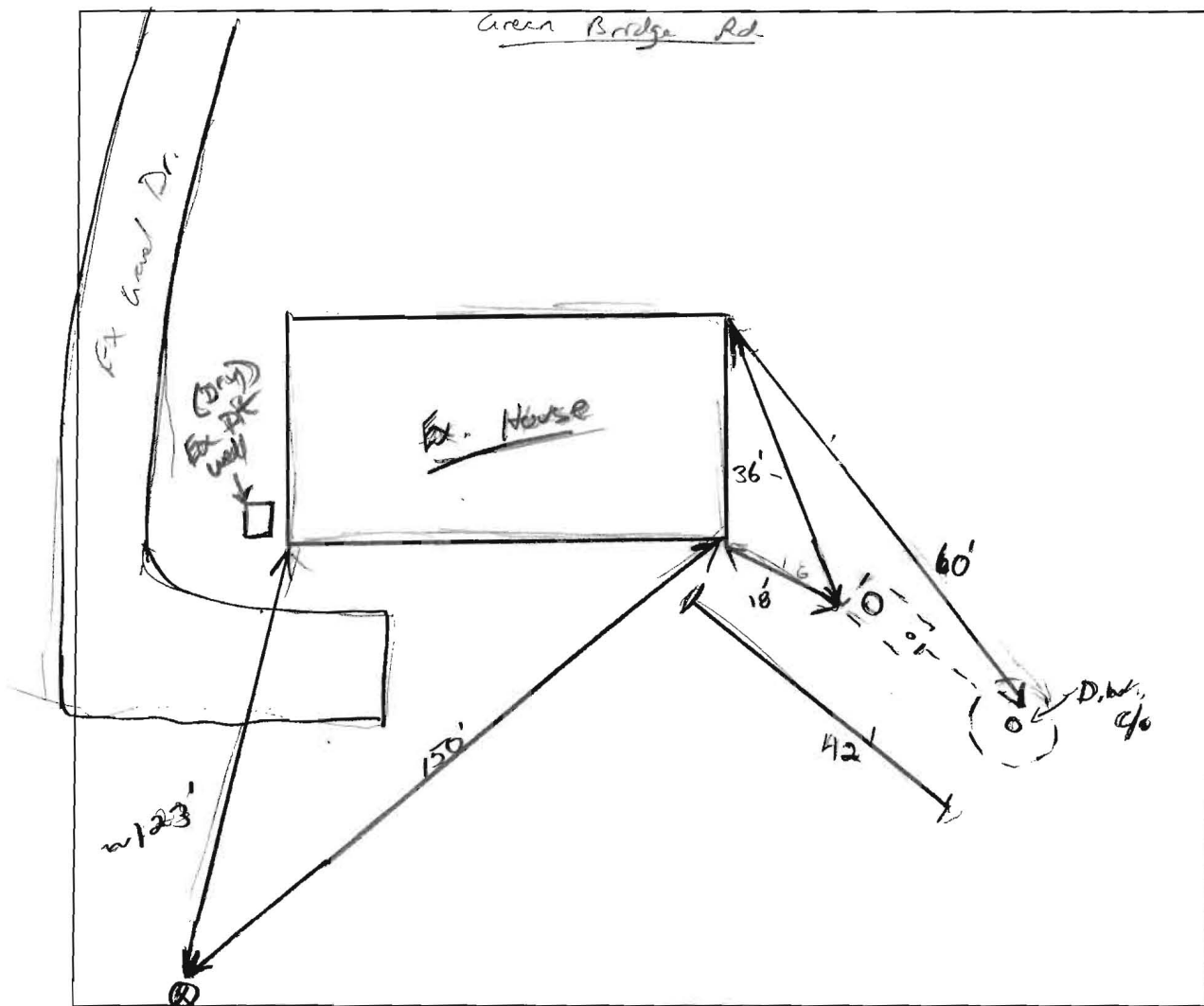
Further review is contingent upon submission of a percolation certification plan showing the following:

- 1) Actual surveyed locations and elevations of all excavated test holes
- 2) Existing house site, other structures, and driveway location
- 3) Existing and proposed property lines
- 4) Existing well location and septic location.
- 5) Proposed house site (55'X70'), driveway and building restriction lines from other county agencies,
- 6) Show three well sites or 1500 square foot well box with 100 foot radius
- 7) Proposed min. 10,000 square foot SDA
- 8) Description of use and intent designated for existing structures and systems, e.g. 'to remain' or 'to be remove.'
- 9) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 10) A note stating the engineer used all reasonable efforts to find the location of all surrounding wells and septic systems
- 11) 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.
- 12) Complete well statement
- 13) MDE sewage disposal area statement
- 14) MDE minimum lot width statement
- 15) Include the statement, "Any changes to a private sewage easement shall require a revised perc certification plan"
- 16) Identification of streams, ponds, wetlands, floodplains, slopes >25%, soil types and soil type boundaries
- 17) 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
- 18) A health officer signature block stating "approved for private water and private sewer systems."
- 19) 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."
- 20) 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.

SITE INSPECTION SHEET

OWNER: James Showalter PHONE #: _____
ADDRESS: 5080 Green Bridge Rd. CONTRACTOR: Easterday.
240-353-5132 WELL TAG #: _____
SUBDIVISION: _____ LOT: _____ COUNTY #: 13
PROPOSAL: at of water.

LOCATION DIAGRAM



COMMENTS: ^{10/22/08} Noticed "New" d/o's and lids on Ex. S.T and D.W. However said it was put in by Hatfields 2 months ago.
^{10/22/08} Location appeared furthest away from Green Bridge Rd. Move to follow up Sept 12.

DATE: 10/22/08 INSPECTOR: (KW)

- subdivision, SDA adjustment, percolation certification plan etc
- 21) Name, address and telephone number of each owner, developer and the plan author.
 - 22) 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)

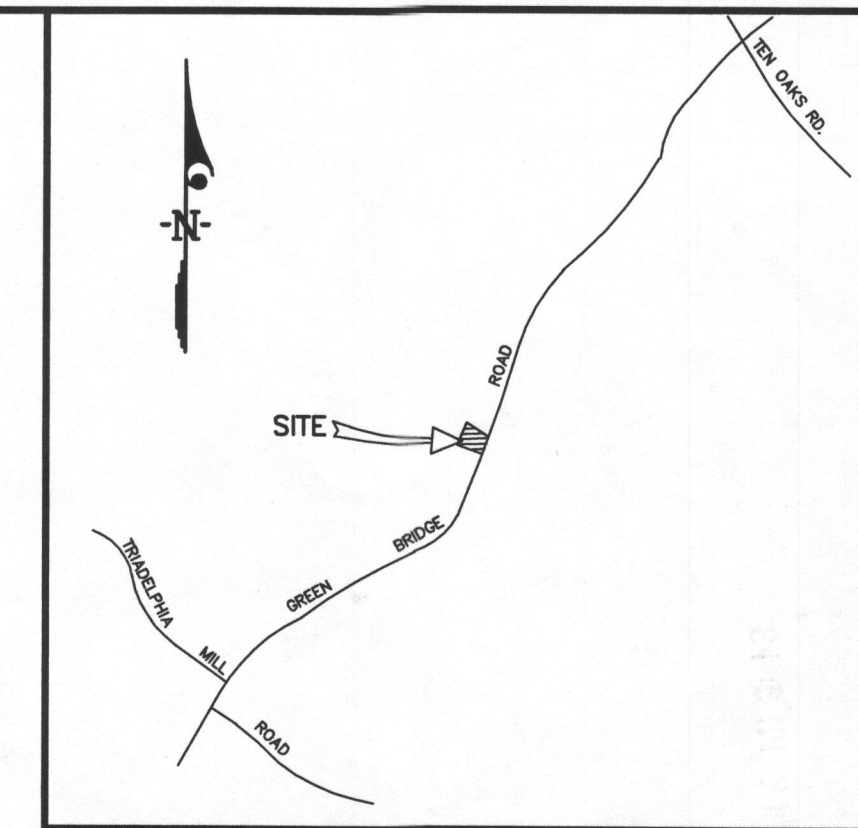
Also, before removing the existing house, a demo letter from the Health Department will be needed in order for a demo permit to be released. If you have any questions, please contact me at the above address or by calling (410) 313-4261.

Sincerely,

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

Enclosures

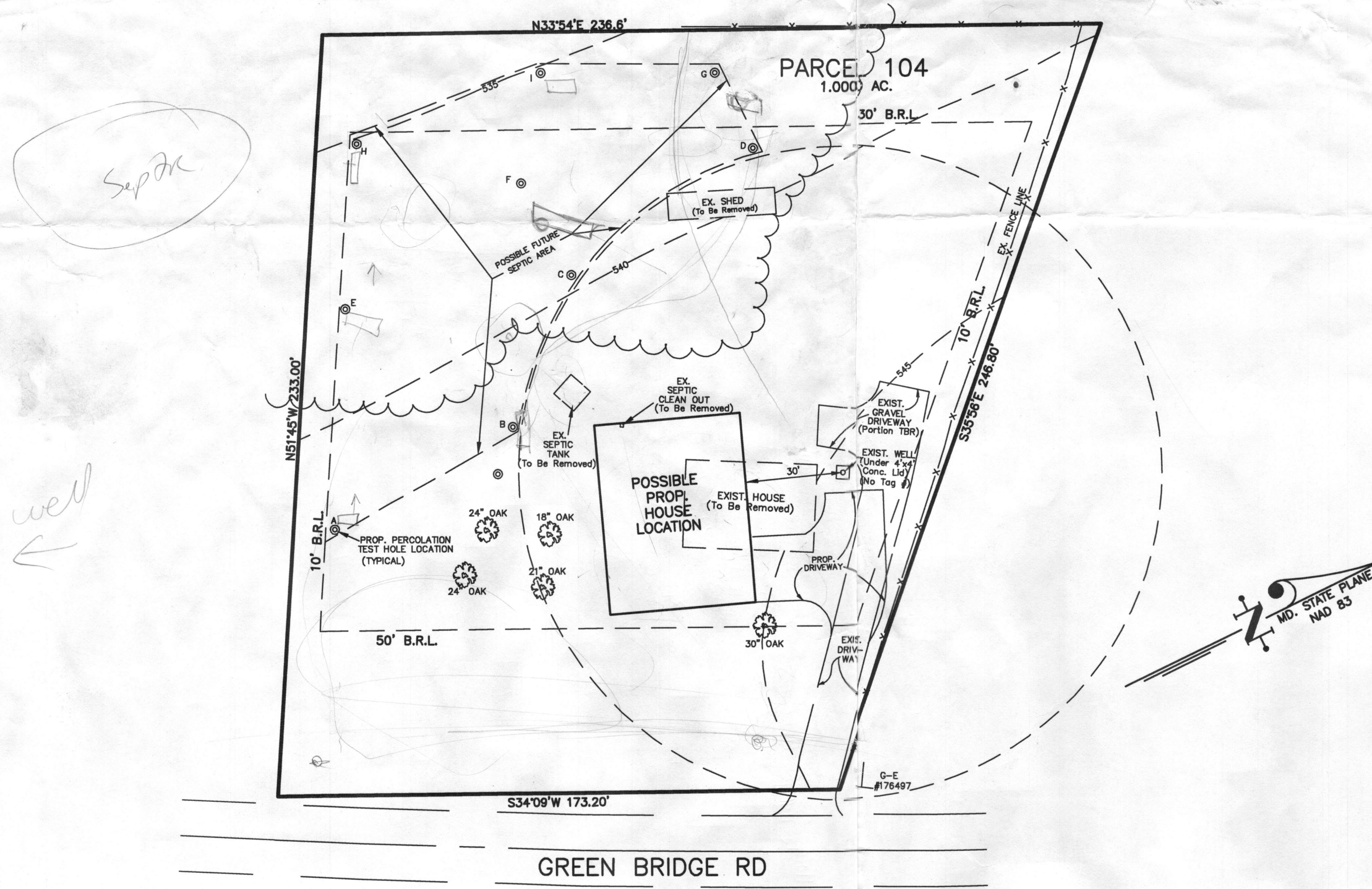
Cc. Dave Harward; Clark, Finefrock and Sackett Inc.



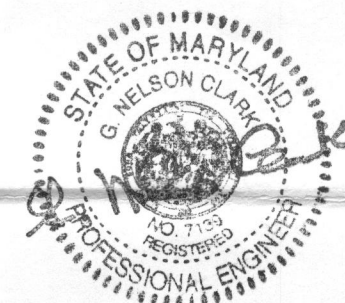
VICINITY MAP
Scale : Approx. 1"=2000'

- General Notes**
1. Parcel Size is 1.0 acre
 2. Zoning per 2-2-04 Comprehensive Zoning Plan is RR-DEO
 3. Topography indicated is approximate (from Howard County 5 ft. interval)
 4. Property Identification-Tax Map 28, Grid 13, Parcel 104, Recorded at L10400, F 288
 5. This plan is subject to the Amended 5th Edition of the Subdivision and Land Development Regulations.
 6. The existing well shown on the plan has been Field located By Clark, Finerock & Sackett and is accurately shown.
 7. There are no wells or sewage easements within 100 feet of the property.
 8. The parcel indicated complies with the minimum ownership width and lot area as required By the Maryland State Department of the Environment.
 9. The area designated a possible future septic area must be 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 the 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 variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall be necessary.
 10. Proposed Percolation Test Hole Locations are shown thusly—^A
 11. The area is in existing 100 year flood plans located on the property.
 12. Set back requirements

Front	50'
Side	10'
Rear	30'



- 1) well to be brought up to code
- 2) Need summary ^{spike} well info.
- 3) Expand general notes
- 4) Topo needed



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS:

COUNTY HEALTH OFFICER _____ DATE _____
HOWARD COUNTY HEALTH DEPARTMENT

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 SITE PLAN 5080 GREENBRIDGE ROAD FIFTH (5TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND TAX MAP 28 GRID 13 PARCEL 104	SCALE 1" = 30'
DRAWN JPH/DH		DRAWING 1 of
CHECKED DH		JOB #
DATE 6-11-07		FILE # 07
FOR : BRYAN L. DOWDY		