



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 528974
DATE 6/6/08

AGENCY REVIEW: _____

\$506 Fee. Check made payable to the "Director of Finance"

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) George W + Elizabeth L Cooper

DAYTIME PHONE 301-688-0434 CELL _____ FAX _____

MAILING ADDRESS 8526 Clarkson Dr Fulton MD 20759
STREET CITY/TOWN STATE ZIP

APPLICANT George W Cooper

DAYTIME PHONE 301-688-0434 HOME: 240-568-9713 CELL _____ FAX _____

MAILING ADDRESS (Same) STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION SUBDIVISION/PROPERTY NAME 8526 Clarkson Dr Beaufort Park Block H LOT NO. 9

PROPERTY ADDRESS 8526 Clarkson Dr, Fulton, MD 20759
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 45 GRID 12 PARCEL(S) 56 PROPOSED LOT SIZE 3.4/ acres

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. George Cooper 3 June 08
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



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

December 4th, 2007

George Cooper
8526 Clarkson Dr.
Fulton, MD 20759

Re: **Building Permit**
#B07004580

Dear Mr. Cooper,

This office has recently received the above referenced building permit application for an addition to add a bedroom plus renovations. However, we are unable to recommend approval of your application at this time.

Our files indicate that a repair to your septic system completed in Sept. 2000 required installation of a trench system which is currently sized to support your proposed addition. It is also noted that a 1,000 gallon septic tank was added in series of an existing 750 gallon tank in support of a building permit in Sept. 2004. However, since the current building permit is to further increase the amount of living space it will necessary to upgrade your septic tank capacity to 2000 gallons since current regulation requires a 2,000 gallon tank for homes greater than 3,500 square feet. I have enclosed the required paperwork for a tank upgrade with this letter. In addition, the site plan submitted along with the building permit application does not show the location of the existing well, septic system or the location of the proposed addition (please note that an addition must maintain a 30' setback from any existing well). More importantly, percolation testing was conducted on your lot in Oct. 1964 of which we have data, but there is no record of an established septic easement for your property.

As a result of these factors, it is necessary for a septic easement to be established with the Health Dept. prior to building permit approval. Therefore, a Percolation Certification Plan needs to be submitted to our office for approval by the Health Officer per Howard County Code Sec. 3.805. This plan will formally describe a septic easement on your property and will remain on file with the Health Dept. I have enclosed the requirements for a Percolation Certification Plan with this letter. Your building permit will be placed on hold until all Health Dept. requirements are met.

For further questions or concerns regarding this matter please contact me directly at (410) 313-6287 or you may reach the Well & Septic Program at (410) 313-1771.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Heidi Scott'.

Heidi Scott
Well & Septic Program
Development Coordination System

Enclosures
Cc: file



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 10th, 2008

George Cooper
8526 Clarkson Dr.
Fulton, MD 20759

Re: **Percolation Test Results**
#A528966
8526 Clarkson Dr.

Dear Mr. Cooper,

Percolation testing was conducted on your property on June 30th, 2008 in response to a building permit application for an addition consisting of 1 additional bedroom. Percolation testing yielded sufficient results indicating satisfactory soil conditions for conventional onsite wastewater disposal and adequate septic system repair area to support your existing home and the proposed addition. Field data collected is shown on the percolation test worksheets enclosed with this letter.

Further review of your proposed addition is contingent upon submission of a Percolation Certification Plan per *Howard County Code Sec. 3.805* by a registered surveyor/engineer. I have forwarded the perc test results to Dietz surveying. The Percolation Certification plan must receive approval and signature prior to building permit approval.

If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan please contact me at (410) 313-6287.

Sincerely,

A handwritten signature in black ink, appearing to read 'Heidi Scott', written over a light-colored background.

Heidi Scott
Well & Septic Program
Development Coordination Section

Enclosures
Cc:
Dietz Surveying
File

not to scale

AP 528974

[A]

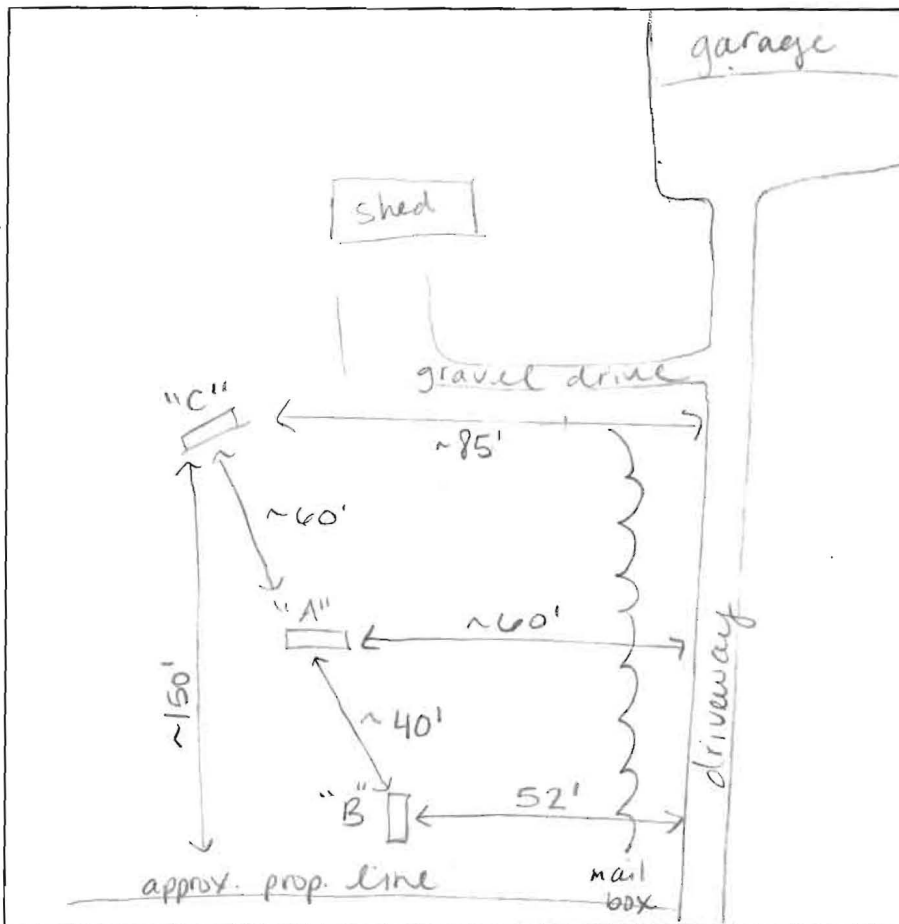
- 1' brn l roots/sbk
- lt brn sel 25% chert 1fsbk
- 2' org brn sel 10% coarse chert
- 5' red brn sil Sapelite mica schist yellow/red v fsl
- 8'
- 11'

[B]

- 1' brn l sbk
- red brn sel 25% chert
- ↓
- 5' red brn sl few mica 15% channers
- 9.5' yellow brn sl
- 12' mica schist

[C]

- 8' brn l roots/sbk
- yellow brn sel 25% chert
- 2' red brn sel flaggy
- 3.5' red brn sel many mica
- 6' ↓ fsl
- 9' vey cemented ls
- 11.5' mica schist



Clarkson Dr.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6/30/08	A	5' 11"	9:45	No movement		1st inch - reshet	
	B	6' 12"	10:14	10:20	10:26	6	P
	C	5' 11.5"	11:01	11:03	11:06	3	P
	A	6.5' 11"	10:26	10:35	10:43	8	P

REMARKS holes consistent
 SANITARIAN HS BACKHOE Whitworth Excavating OTHERS homeowner
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 6.5 SQ. FT/BR _____
 TRENCH WIDTH 2 INLET DEPTH 4 MAX. BOT DEPTH 8 EFFECTIVE S/W 2'

APPLICATION

A 09288

SEWAGE DISPOSAL TESTING

P _____

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY 750 gal. for 3 bedrooms ELLICOTT CITY

Septic Tank 1,000 gal " 4 " " DISTRICT 5

Drywell - 130 sq. ft. absorbent sidewall DATE 10/26/64
area per bedroom. Minimum system 300 sq. ft.

locate drywell 60 ft. from front lot line
and 50 ft. from right side line as lot
is seen when facing it from Clarkson Dr.
Inlet to start 4 ft. below original grade.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Anne K. Gray & Susie Kondrup

ADDRESS 5132 Loughboro Rd., Washington 16, D. C. PHONE 363-5335

PROPERTY LOCATION:

SUBDIVISION Beaufort Park LOT NO. 8, Blk. H

ROAD AND DESCRIPTION Clarkson Drive

OCCUPANT George Efner PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 40,013 sq. ft. TYPE BLDG. test per bedroom
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/ Gray & Kondrup

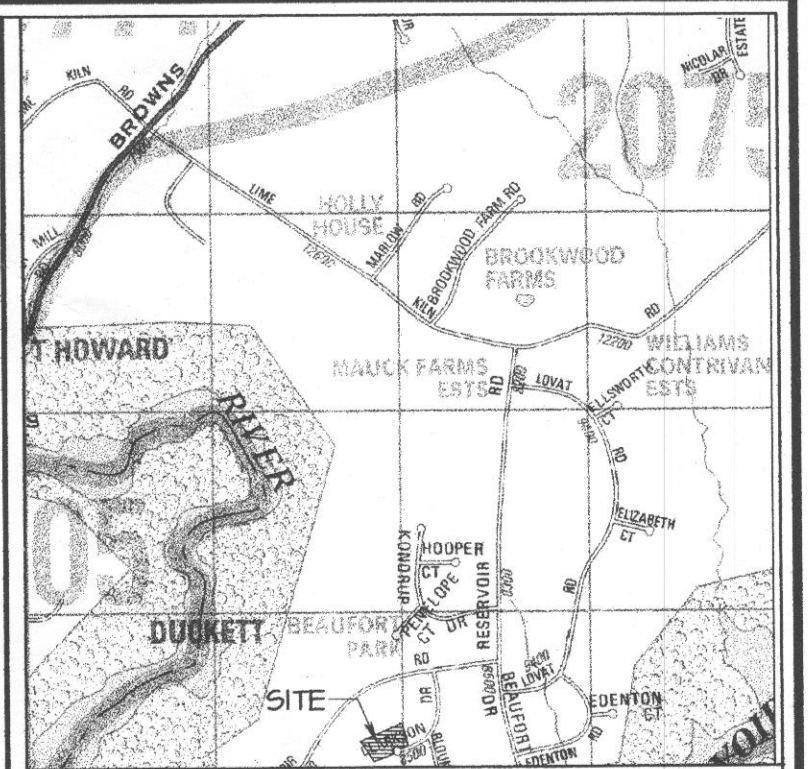
APPROVED BY R.D. [Signature] FOR [Signature] DATE 1/8/65
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

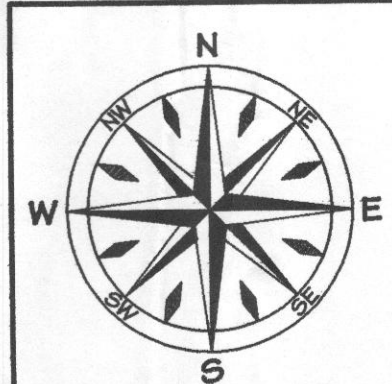


Vicinity Map Scale: 1" = 2000'

Notes

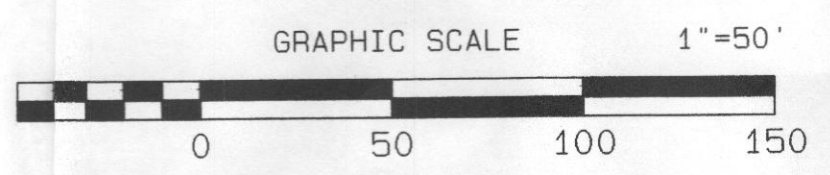
1. A Boundary Survey was not performed. The property lines shown hereon is compiled from deeds of record, and overlaid and rotated to fit minimal monumentation recovered in the field.
2. Elevations are based on Howard County GIS and the topography has been field-run by Dietz Surveying and accurately represents the relative elevation changes on the subject property.
3. All visible utilities have been located.
4. The Lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland Department of the Environment.
5. Any Changes to a private sewage easement shall require a revised Percolation Certification Plat.
6. This area designates a Private Sewage Easement of Approx. 7,400 sq.ft., 10,000 sq.ft. or greater is required by the Maryland Department of the Environment for individual sewage disposal. 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 revised sewage easement shall not be necessary.

**Field-Located
Perc Test Plat**
of the
Cooper Property
8526 Clarkson Drive
Howard County, Maryland
5th Election District
Scale: 1"=50' Date: April 7, 2008



Dietz Surveying Co.
Land Surveying and Land Planning
8119 Oakleigh Road Baltimore MD 21234
Ph 410-661-3160, Fax 410-661-3163
www.dietzsurveying.net

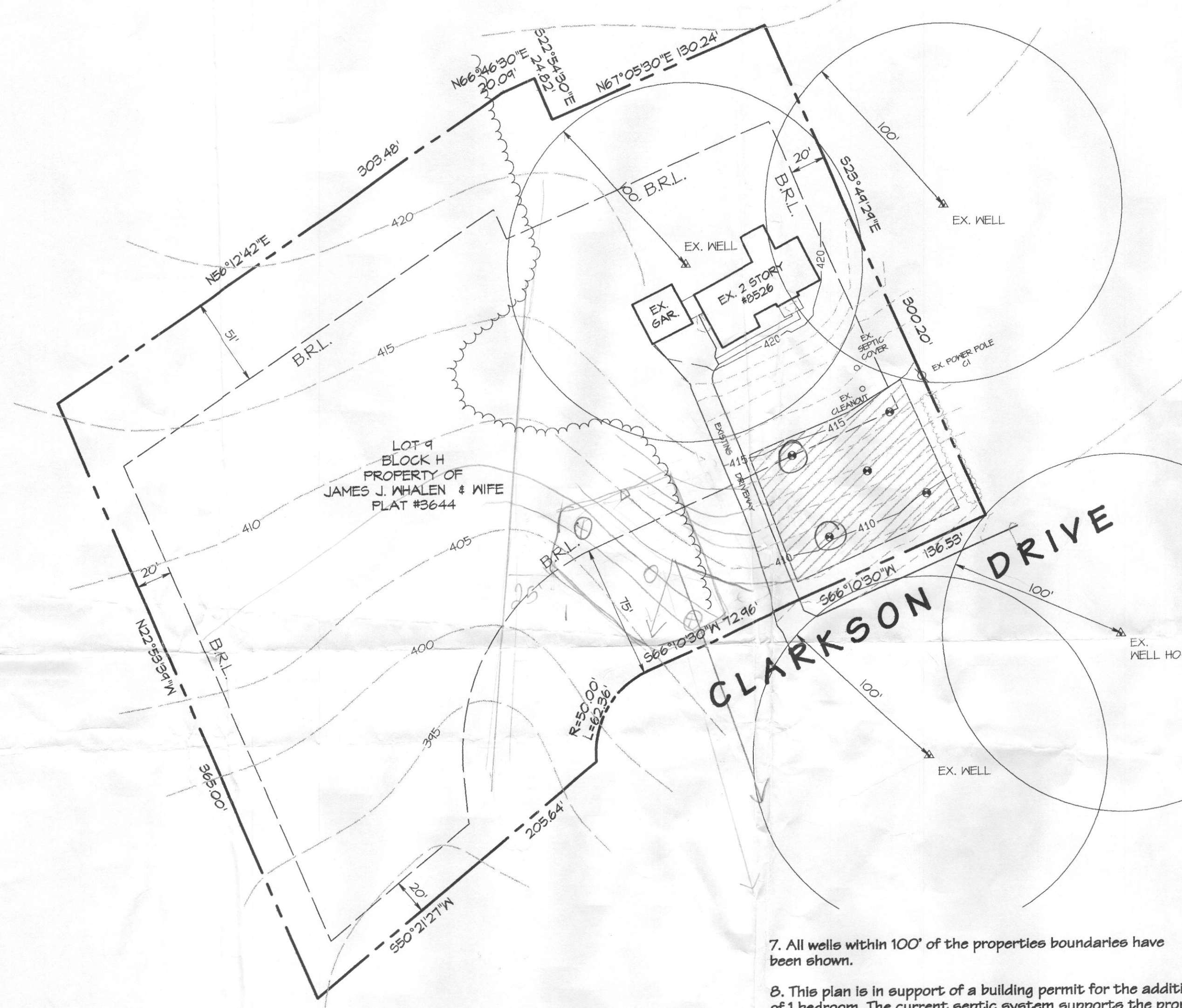
Plot Date: 4/10/2008 Job No. 08052
File Name: X:\CLARKSONPERC PLAN.pro Party Chief: DRD



LEGEND

- BUILDING
- APPROX. PERC TEST LOCATION
- WOODS LINE
- BUILDING SETBACK LINE
- BOUNDARY LINE
- EASEMENT LINE

7. All wells within 100' of the properties boundaries have been shown.
8. This plan is in support of a building permit for the addition of 1 bedroom. The current septic system supports the proposed number of bedrooms.



I certify that the information shown hereon is based on work performed in my presence or by my direction and is accurate to the best of my knowledge and belief.

Brian Dietz 4-11-08
Brian R. Dietz Date
Professional Land Surveyor #21080

Approved for Private Water &
Private Sewerage Systems

Health Officer _____ Date _____