



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 528428

AGENCY REVIEW: \_\_\_\_\_

DATE 1/2/08

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 unknown 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) Running Brook, LLC

DAYTIME PHONE 410 995 6736 CELL \_\_\_\_\_ FAX 410 381 8747

MAILING ADDRESS 6300 Woodside Ct., Ste. A Columbia MD 21046  
STREET CITY/TOWN STATE ZIP

APPLICANT Date Thompson Builders

DAYTIME PHONE 410 995 6736 CELL \_\_\_\_\_ FAX 410 381 8747

MAILING ADDRESS 6300 Woodside Ct., Ste. A Columbia MD 21046  
STREET CITY/TOWN STATE ZIP

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


PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Owings Lot #3 LOT NO. 16

PROPERTY ADDRESS 6819 Green Hollow Way Highland, MD 20777  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID \_\_\_\_\_ PARCEL(S) 44 PROPOSED LOT SIZE 42071 sq. Ft.

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.

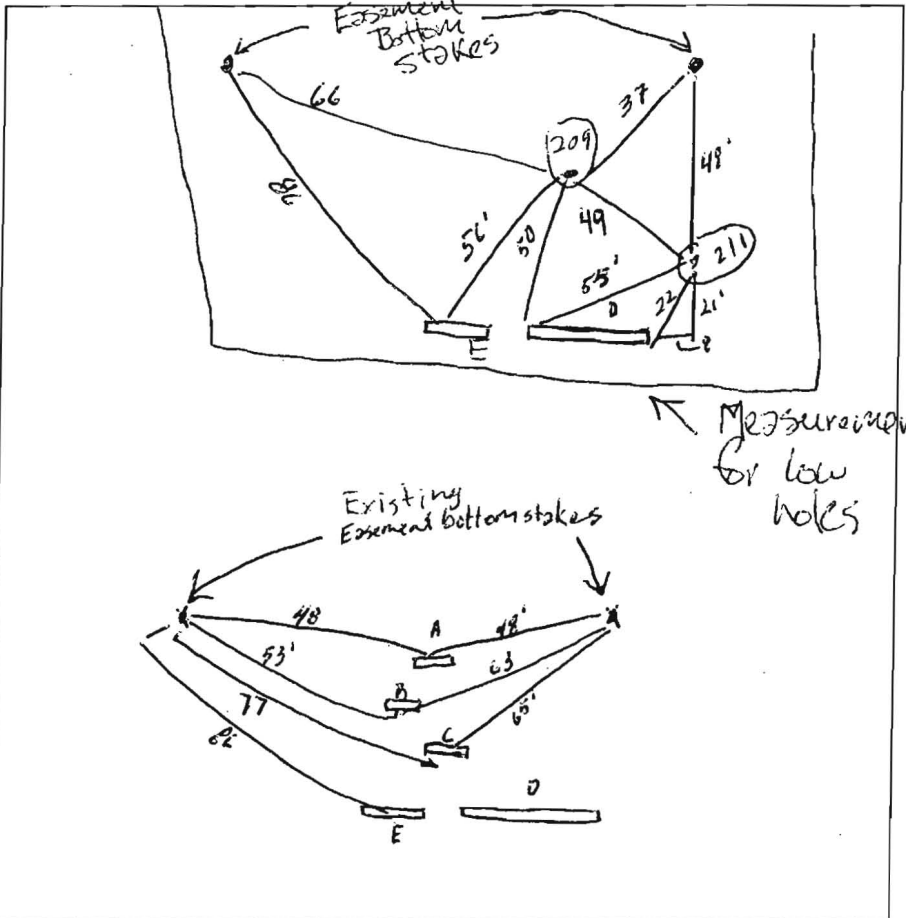
  
SIGNATURE OF APPLICANT

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

AVP \_\_\_\_\_

**A**

Yellow Br SL	6"
Bm A L	1'
Red YR CL few qtz cobbles	3
YR co SCL cobbles & boulders of qtz ~ 50-60"	6'
Refusal	



**D**

stumps & asst. fill	
YR CL	6
Yellow S	7
Bottom	8

**E**

YR CL platy	1
DK YB Fiy (Large 48' hole)	2
YR CL	3
Yellow Red SL Bm	4
	6

13'

**B**

Bm 1sbk SL	
Bm 3sbk L	1/2
DK YB 3sbk L	1
Reddish Bm SCL cobbles & boulders > 50%	2
Refusal	

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/12/08	A	1/6	N/A				
	B	3 1/2					
	C	4 1/2 / 12 1/4	10:27	Pulled @ 11am			
	C	5' V / 12	est	5m @	5ft	and below	P
	E	6' V / 13	est	5m @	6ft	and below	Pv

**C**

2sbk Br. Lm	1
DK YB CL	
2sbk Red-Red Bm SCL	2
YR HSL	4-4 1/2
Yellow Red Bm SL	5
Yellow/Bm SL - co SL ~ 30% filler GNEISS SUPR.	10 12+

REMARKS ockets of Rock - Quartzite

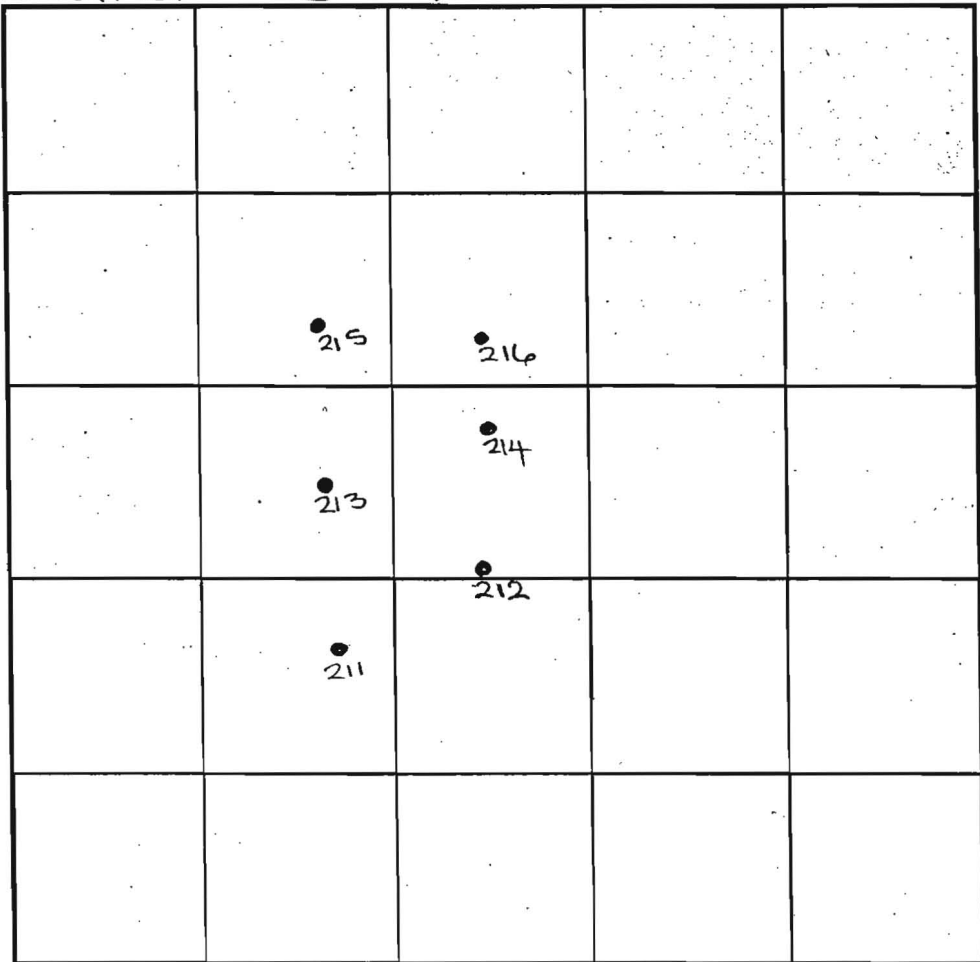
SANITARIAN GAC BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Heavy  
1/2 ribs

# OWINGS PROP - WET SEASON 2000



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Highland Road

**PROFILE 211**  
 topsoil  
 or red brn cl Lm  
 med org brn sa Lm w/hard Rx  
 60%+ hard Rx  
 Refusal

**213**  
 topsoil  
 dk red brn cl Lm  
 med org brn sa Lm  
 10-15% sapr sh  
 Water

**215**  
 topsoil  
 org brn cl Lm  
 med org brn sa Lm w/mica  
 15%+ sapr sh

**SOIL PROFILE 216**  
 0' topsoil  
 1' dbll org brn cl Lm  
 5' med org brn sa Lm  
 5' 5" 10-15% sapr sh  
 13'0" 214  
 6' topsoil  
 1' org red brn cl Lm  
 med org brn sa Lm  
 13'5" 20% sapr sh

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-12-00	211	3.5' S	11:05 <sub>2</sub>	less than 1" @	11:45		FAIL
		12.0' D	Refusal	1 - see profile			FAIL
	213	5.0' S	11:18 <sub>3</sub>	11:21 <sub>3</sub>	11:21 <sub>3</sub>	11:26	5'
		13.0' D	Water	- see profile			OK
	215	13.5' D	Visual	- see profile			OK
	216	3.5' S	11:33	less than 1" @	12:03		FAIL
		5.0' m	11:50	<too slow>	1:22		FAIL
		13'10" D	Visual	- see profile			OK
	214	13.5' D	Visual	- see profile			OK

OK  
 2 extra tests

REMARKS holes tested as stated

TYPE OF SOIL \_\_\_\_\_

TESTED BY DKS ALSO PRESENT C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



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

2/22/2008

To: Dale Thompson Builders  
Attn: Tracy Thompson  
6300 Woodside Ct, Ste A.  
Columbia, MD 21046

From: Gabe Creighton, Environmental Sanitarian  
Well and Septic Program

Re: Percolation Testing A528428  
6819 Green Hollow Way  
Highland, MD 20777

Ms. Thompson,

Percolation tests conducted on 2/12/2008 on the above referenced property have indicated suitable conditions may be suitable for re-configuring the existing septic reserve area on the property. The limiting conditions were failing percolation tests due to excessive soil rock content. An area of approximately 30 ft x 40 ft was located near the rear of the property, where a limited (equivalent square footage) amount of the 10,000 sq. ft. existing sewage disposal area can be displaced to allow more room to site the house on the lot while meeting the required setbacks.

Further review of the project is contingent upon submission of a percolation certification plan as required by Howard County Code Section 3.805. Percolation test notes from the testing done on 2/8/2008 are enclosed as well as a mark-up of a scaled drawing, indicating the approvable area. In addition to the standard percolation certification requirements, this plan must also illustrate the septic system layout for each of the required (3) septic systems (due to the small amount of additional area and the fact that the new area is not adjoined to the currently approved area). To assist with this, I am enclosing septic system design specifications that would be required for these 3 systems. Additional information on Septic System design is available at <http://www.howardcountymd.gov/Health/Docs/ResidentialSepticDesign.pdf>.

Once this office has received the percolation certification plan, it will be reviewed for applicability of the requirements and will be approved when found to be acceptable. If submissions of the percolation certification plans are found to be unsuitable, comments to be addressed in subsequent submissions of the plan will be sent to the plan preparer.

If you have any questions regarding this letter or with the process, at this time or in the future, please do not hesitate to contact this office at (410) 313-2775.

Respectfully,

A handwritten signature in black ink, appearing to read 'Gabriel A. Creighton'.

Gabriel A. Creighton, R.S.  
Development Coordination Section  
Well and Septic Program

Enclosures  
Copy to: File

OWINGS PROP - WET SEASON 2000

COUNTY #

SOIL PROFILE  
212

topsoil  
org brn  
cl lm  
med to  
pale  
org brn  
sl lm  
15%-20%  
sapr  
sh

SOIL PROFILE

0'


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-12-00	212	4.0'S	11:26	11:29	11:29	11:33 <sub>3</sub>	5'
		14.5'D	visual	-see	profile		OK

REMARKS hole tested as staked

TYPE OF SOIL \_\_\_\_\_

TESTED BY DKS ALSO PRESENT C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

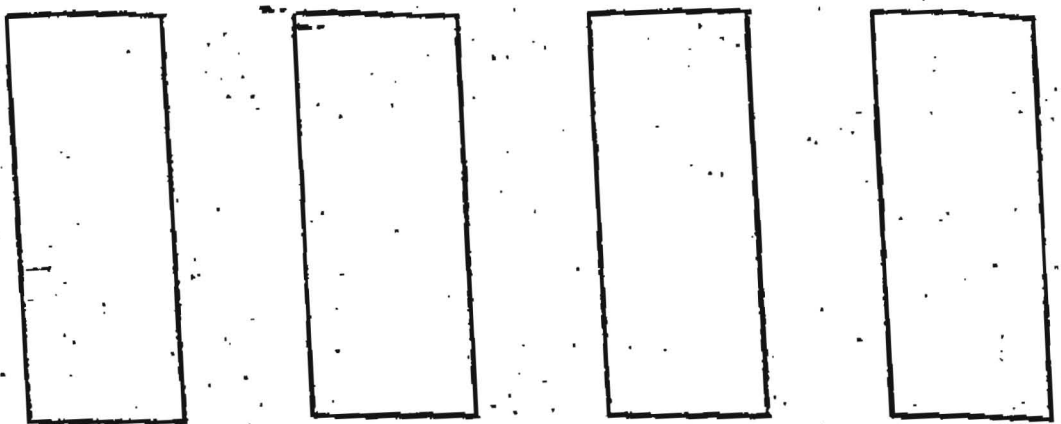
INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



WILLY'S PROPERTY, LOT 5

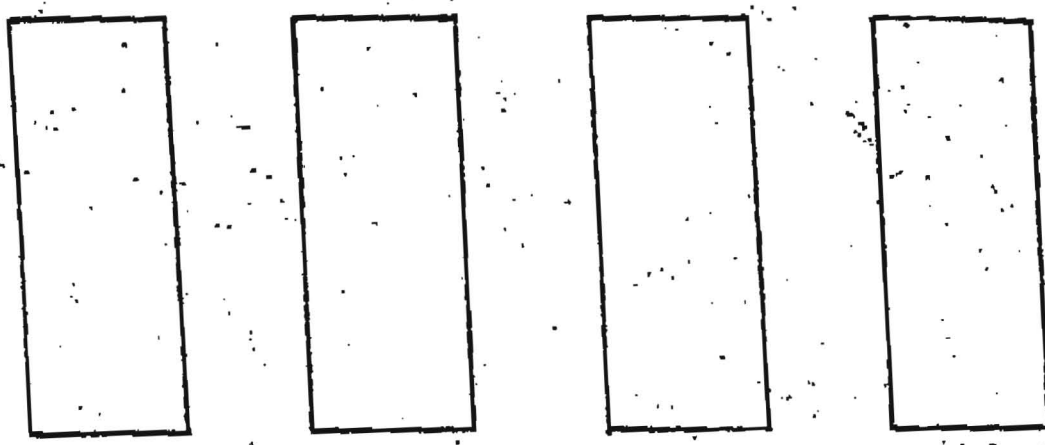
218 SOIL PROFILE

0' topsoil  
1' dk. brn  
60% brn  
cl lm  
4.5' pale  
org tan  
sa mica  
lm  
15%+  
rock  
13.5'



219

0' topsoil  
br.  
red org  
brn  
cl lm  
4' org bedg  
sa mica  
lm  
40% hard  
rock  
8' Refusal



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-24-01	218	5.0' B	3:15	3:19	3:19	3:25	6
		13.5' D	Visual	- see	profile		OK
		<del>8.0' D</del>	<del>Refusal</del>	<del>- see</del>	<del>profile</del>		<del>FAIL</del>
<p>APPLIES TO ALL TEST HOLES</p> <p>* DUE TO DROUGHT CONDITIONS ADDITIONAL BUFFER (4 FEET) REQUIRED OVER STATE MINIMUM STANDARD (TOTAL BUFFER 8 FEET FROM BOTTOM OF PROPOSED SYSTEM)</p>							

sted by  
DKC

COUNTY #

SOIL PROFILE

0' 13  
topsoil  
red brn  
cl lm  
pale  
red brn  
sa lm  
60-70%  
sapr  
sh

58  
topsoil  
red brn  
cl lm  
pale  
org tan  
sa lm  
60%  
sapr  
sh

70  
topsoil  
red brn  
cl lm  
pale  
org tan  
sa lm  
10%+  
sapr  
sh

	F 71	F 57	F 44	(Property Line) cut house
	70	58	43	
	69			

SOIL PROFILE

0' 69  
topsoil  
red org  
brn  
cl lm  
pale  
org  
beige  
sa lm  
20%+  
frag

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Highland Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-5-97	43	9.0'D	Refusal - see profile				FAIL
	58	3.5'S	11:25	11:26	11:26	11:27	1
		10.5'D	visual - see profile				FAIL
	70	3.5'S	11:32	little slow			OK return
		11.5'D	visual - see profile				OK
	44	7.5'D	Refusal (60% Rx @ 4.0')				FAIL
	57	8.5'D	Refusal (60% Rx @ 5.0')				FAIL
	71	9.0'D	Refusal (60% Rx @ 7.0')				FAIL
4-19-00	69	13.5'D	visual - see profile				OK

REMARKS: holes tested as staked

TYPE OF SOIL: \_\_\_\_\_

TESTED BY: D. Soe ALSO PRESENT: C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: \_\_\_\_\_ TRENCH WIDTH: \_\_\_\_\_

INLET DEPTH: \_\_\_\_\_ MAXIMUM BOTTOM DEPTH: \_\_\_\_\_ SQ. FT./BEDROOM: \_\_\_\_\_

Proposed lot 16

COUNTY #

SOIL PROFILE

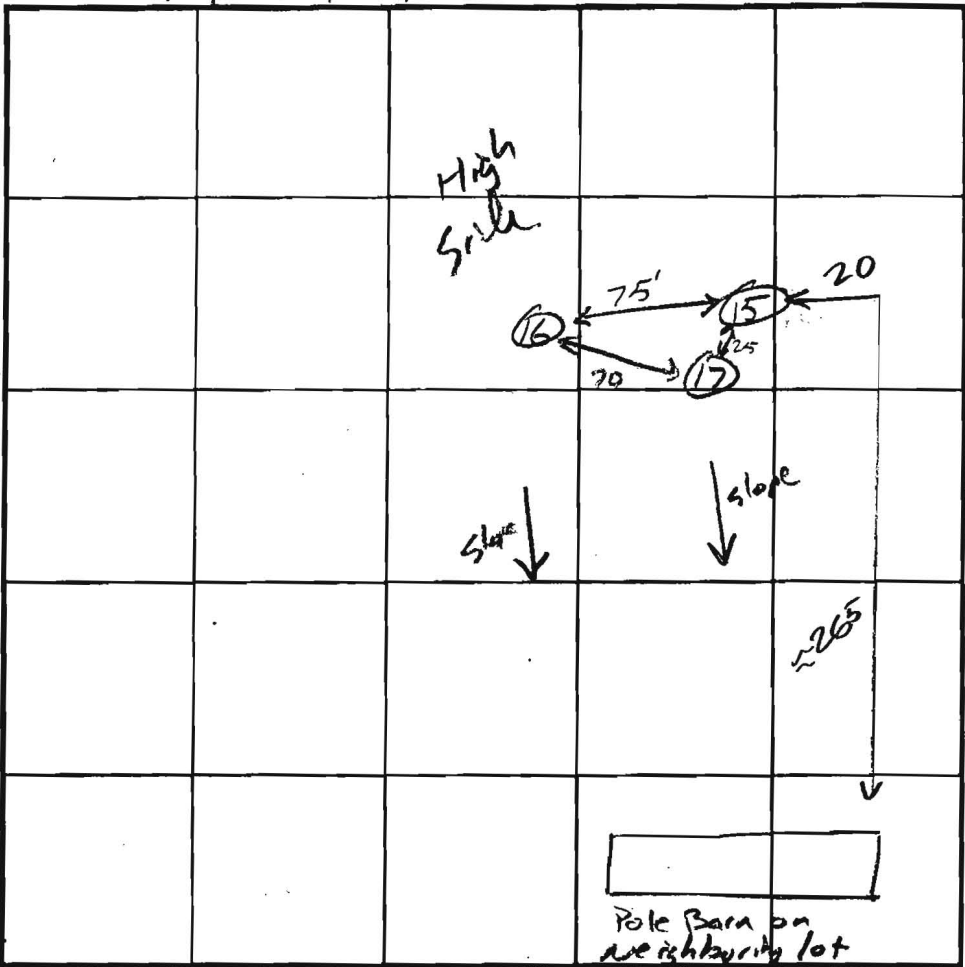
0' (15)  
red brown  
micaceous  
L

3 uphill  
50-60%  
Channery  
fraggs in  
fine SL  
Downhill  
40-50%  
Channery  
fraggs in  
fine SL  
very hard  
but diggable

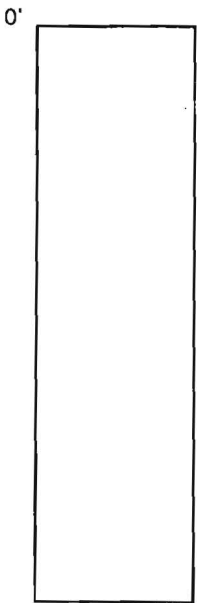
14 (16)  
red CL  
4 Fine micaceous  
SL w/ 30-40%  
Channery  
fraggs

11 Fine SL  
w/ 50-60%  
Channery  
fraggs  
12 becoming harder

(17)  
reddish  
orange  
heavy L  
4 Fine  
micaceous  
SL  
w/ 25-30%  
Channery  
fraggs  
becoming  
hard  
↓  
13 refusal



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/10/02	15	6 / 14	2:00	2:01	2:01	2:03	2	
6/10/02	16	4 / 12v	2:44:00	2:45:30	2:45:30	2:49:00	3:30	
6/10/02	16	7 / 12v	2:42:30	2:46:30	2:46:30	2:53:30	7m	
6/10/02	17	13v	visual hole material similar to hole 16					

REMARKS ADJUST AREA 25' TO THE SOUTH & EAST OF HOLE (15)

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 \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

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.

PROPERTY OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Owings Property LOT NO. 3 (Proposed Lot 16)

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(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 \_\_\_\_\_

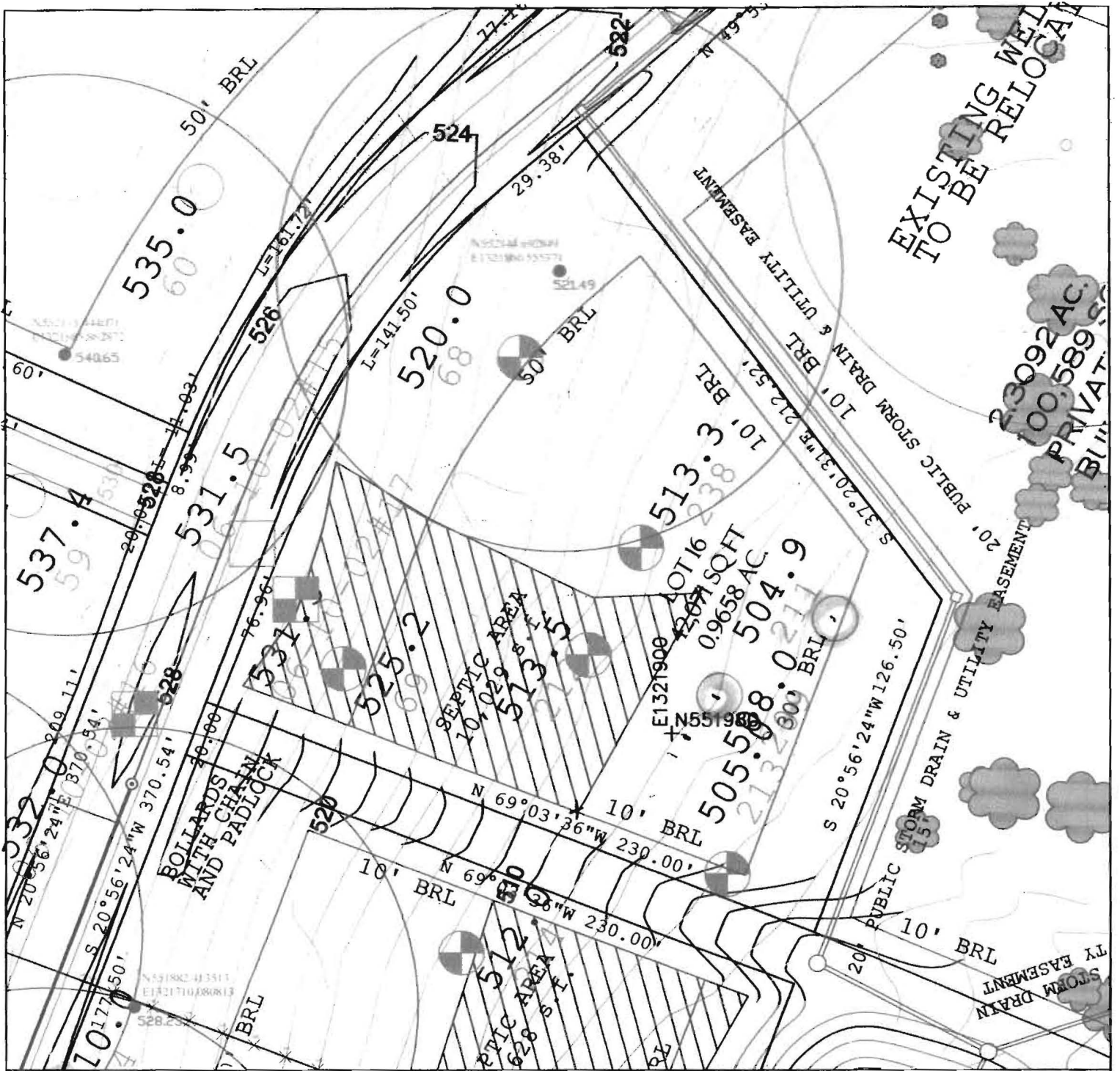
HOLD PENDING FURTHER TESTS \_\_\_\_\_

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



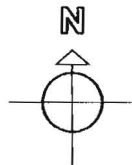
The existing well(s) shown on this plan have been field located by a Professional Land Surveyor, and is (are) accurately shown. All drilled wells and SDA's within the boundaries of this property are shown.

**TAGGED WELL DATA**  
 TAG NUMBER: HO-XX-XXXX  
 NORTHING: 552144.682848  
 EASTING: 1321880.556371

PERCOLATION TEST PASSED  
 PERCOLATION TEST FAILED

**TITLE:**  
 PLOT PLAN

**DATE:** 01.02.08  
**SCALE:** 1: 50



**OWNER/ BUILDER:**  
 Dale Thompson Builders, Inc.  
 6300 Woodside Court  
 Suite A  
 Columbia, MD 21046

**PROPOSED ELEVATIONS:**

TOP OF BASEMENT SLAB:	000.00
TOP OF FOUNDATION WALL:	000.00
TOP OF FIRST SUBFLOOR:	000.00
INVERT OUT OF HOUSE:	000.00
INVERT INTO TANK:	000.00
INVERT OUT OF TANK:	000.00
INVERT INTO PUMP:	000.00
INVERT OUT OF PUMP:	000.00
INVERT @ SHC:	000.00
INVERT INTO DISTRIBUTION BOX:	000.00
INVERT INTO TRENCHES:	000.00
GRADE AT HOUSE INVERT:	000.00
GRADE AT SEPTIC TANK:	000.00
GRADE AT PUMP:	000.00
GRADE AT DISTRIBUTION BOX:	000.00
GRADE AT TRENCHES:	000.00
PAVING SPECIFICATIONS: 2" ASPHALT OVER 4" CR-6 OR 2.5" ASPHALT OVER 1.5" OVERLAY	

**PROJECT NAME:**  
 SINGLE-FAMILY DWELLING  
 HIGHLAND OVERLOOK  
 LOT 16  
 FULTON, HOWARD COUNTY  
 MARYLAND

APPROVED FOR PRIVATE WATER AND PRIVATE/PUBLIC SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY.



Peter Bollanson, M.D., M.P.H., HOWARD COUNTY HEALTH OFFICER

DATE



The existing well(s) shown on this plan have been field located by a Professional Land Surveyor, and is (are) accurately shown. All drilled wells and SDA's within the boundaries of this property are shown.

**TAGGED WELL DATA**  
 TAG NUMBER: HO-JK-XXXX  
 NORTHING: 552144.692849  
 EASTING: 1321860.555371

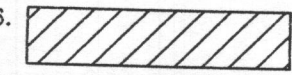
 PERCOLATION TEST PASSED  
 PERCOLATION TEST FAILED

<p>TITLE: PLOT PLAN</p> <p>DATE: 8.28.2008 SCALE: 1" = 40'</p>	<p><b>Approved Septic System Plan</b>  <b>Howard County Health Department</b></p> <p><i>[Signature]</i> Date</p>	<p>OWNER/ BUILDER: Dale Thompson Builders, Inc. 6300 Woodside Court Suite A Columbia, MD 21046</p>	<p><b>PROPOSED ELEVATIONS:</b></p> <table border="0"> <tr><td>TOP OF BASEMENT SLAB:</td><td>000.00</td></tr> <tr><td>TOP OF FOUNDATION WALL:</td><td>000.00</td></tr> <tr><td>TOP OF FIRST SUBFLOOR:</td><td>000.00</td></tr> <tr><td>INVERT OUT OF HOUSE:</td><td>000.00</td></tr> <tr><td>INVERT INTO TANK:</td><td>000.00</td></tr> <tr><td>INVERT OUT OF TANK:</td><td>000.00</td></tr> <tr><td>INVERT INTO PUMP:</td><td>000.00</td></tr> <tr><td>INVERT OUT OF PUMP:</td><td>000.00</td></tr> <tr><td>INVERT @ SHC:</td><td>000.00</td></tr> <tr><td>INVERT INTO DISTRIBUTION BOX:</td><td>000.00</td></tr> <tr><td>INVERT INTO TRENCHES:</td><td>000.00</td></tr> <tr><td>GRADE AT HOUSE INVERT:</td><td>000.00</td></tr> <tr><td>GRADE AT SEPTIC TANK:</td><td>000.00</td></tr> <tr><td>GRADE AT PUMP:</td><td>000.00</td></tr> <tr><td>GRADE AT DISTRIBUTION BOX:</td><td>000.00</td></tr> <tr><td>GRADE AT TRENCHES:</td><td>000.00</td></tr> </table> <p>PAVING SPECIFICATIONS: 2" ASPHALT OVER 4" CR-6 OR 2.5" ASPHALT OVER 1.5" OVERLAY</p>	TOP OF BASEMENT SLAB:	000.00	TOP OF FOUNDATION WALL:	000.00	TOP OF FIRST SUBFLOOR:	000.00	INVERT OUT OF HOUSE:	000.00	INVERT INTO TANK:	000.00	INVERT OUT OF TANK:	000.00	INVERT INTO PUMP:	000.00	INVERT OUT OF PUMP:	000.00	INVERT @ SHC:	000.00	INVERT INTO DISTRIBUTION BOX:	000.00	INVERT INTO TRENCHES:	000.00	GRADE AT HOUSE INVERT:	000.00	GRADE AT SEPTIC TANK:	000.00	GRADE AT PUMP:	000.00	GRADE AT DISTRIBUTION BOX:	000.00	GRADE AT TRENCHES:	000.00
TOP OF BASEMENT SLAB:	000.00																																		
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GRADE AT DISTRIBUTION BOX:	000.00																																		
GRADE AT TRENCHES:	000.00																																		
<p>PROJECT NAME: SINGLE-FAMILY DWELLING HIGHLAND OVERLOOK LOT 16 FULTON, HOWARD COUNTY MARYLAND</p>	<p>APPROVED FOR PRIVATE WATER AND PRIVATE/PUBLIC SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY.</p> <p>Peter Beilenson, M.D., M.P.H., HOWARD COUNTY HEALTH OFFICER</p> <p>DATE</p>																																		

*Need revised perc certification plan with new septic area & 3 well locations or 1500 sq. ft. well box*

**NOTES**

1. TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD SURVEY BY AB CONSULTANTS ON MARCH 2002.
2. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
3. THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN IS TO REVISE THE SEWAGE DISPOSAL EASEMENT IN SUPPORT OF A BUILDING PERMIT APPLICATION #B08002912
4. ALL EXISTING WELLS AND SEPTIC EASEMENTS HAVE BEEN SHOWN WITHIN 100' OF THE SITE TO THE BEST OF OUR KNOWLEDGE.
5. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.



THIS AREA DESIGNATES A MINIMUM 10,000 SQUARE FOOT PRIVATE DISPOSAL SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL, IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

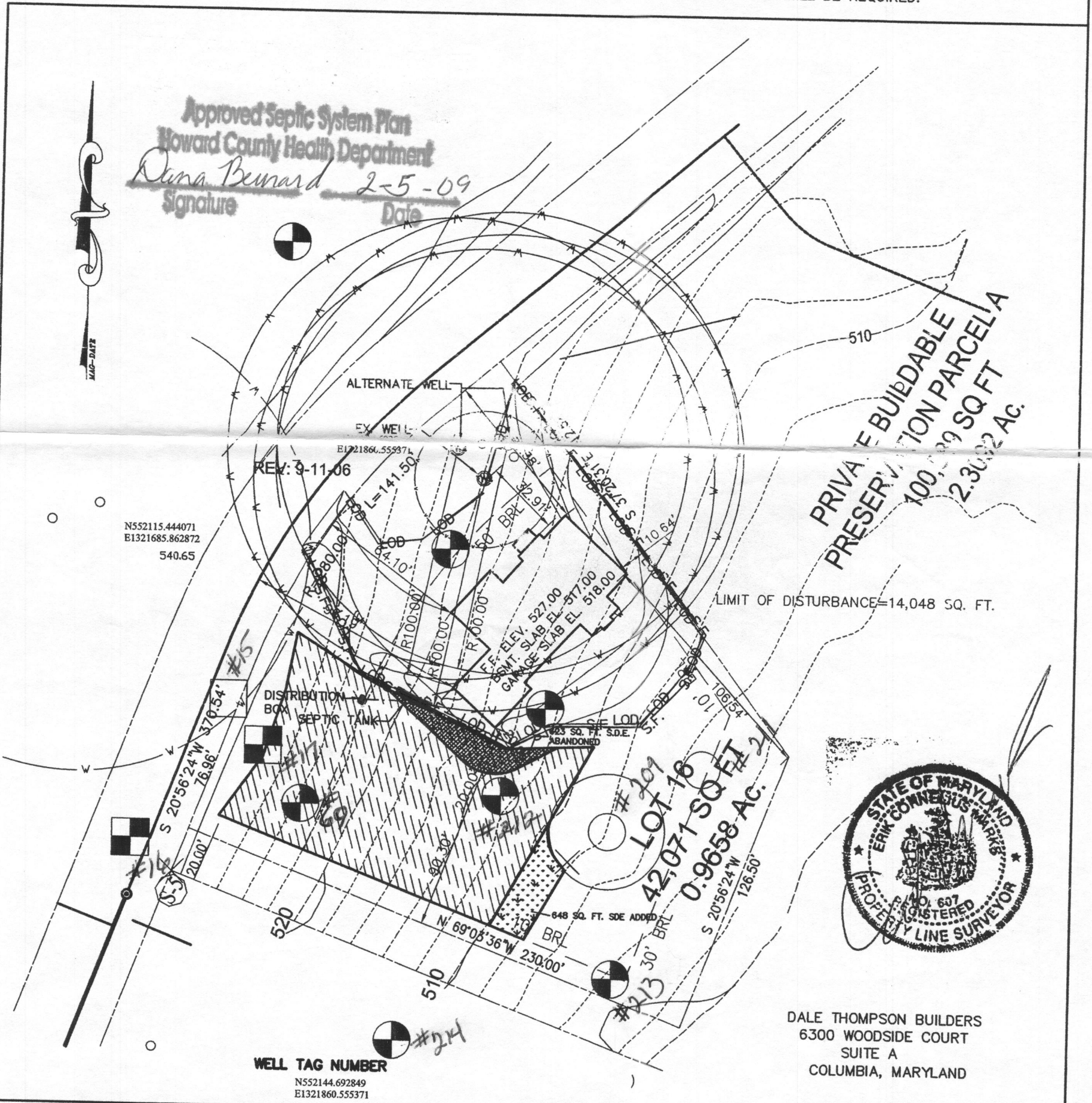
7. LIMIT OF DISTURBANCE=14,048 SQ. FT.

8. IN ORDER TO SEWER THE BASEMENT AN EJECTOR PUMP WILL BE REQUIRED.

**LEGEND**

- PASSED PERC TEST
- PASSED PERC TEST
- FAILED PERC TEST
- FAILED PERC TEST

- EXISTING SEPTIC EASEMENT
- S.D.E. AREA GAINED: 648 SQUARE FEET
- S.D.E. AREA ABANDONED: 623 SQUARE FEET
- 1,500 SQ. FT. WELL BOX
- LOD LIMIT OF DISTURBANCE
- S.F. SILT FENCE



DALE THOMPSON BUILDERS  
6300 WOODSIDE COURT  
SUITE A  
COLUMBIA, MARYLAND

APPROVED FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY

**MARKS & ASSOCIATES L.L.C.**  
SURVEYING-ENGINEERING-LAND PLANNING  
4531 COLLEGE AVENUE ELLICOTT CITY, MARYLAND  
TELEPHONE (410)747-8738 FAX (410)747-8547

**PERCOLATION CERTIFICATION PLAT**

HIGHLAND OVERLOOK LOT 16  
SINGLE FAMILY DWELLING  
FULTON  
HOWARD COUNTY, MARYLAND

ELEVATIONS	
ELEVATION OF WELL AT GRADE 520.0'	TOP OF BASEMENT SLAB: 517.00.
GRADE AT HOUSE INVERT: 520.2'	TOP OF FOUNDATION WALL: 526.00
GRADE AT SEPTIC TANK 520.0'	TOP OF FIRST SUBFLOOR: 527.00
GRADE AT DIST. BOX: 522.0'	INVERT OUT OF HOUSE 519.2'
GRADE AT TRENCHES 522.1'	INVERT INTO SEPTIC TANK 518.9'
INVERT INTO DISTRIBUTION BOX 518.5'	INVERT OUT OF SEPTIC TANK 518.7'
INVERT INTO TRENCH 518.0'	

DATE: 09/22/2008  
Rev. DATE: 10/13/2008  
SCALE: 1" = 50'

11/07/08  
*Peter Brubaker*  
HEALTH OFFICER DATE