

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

TEST TIME \_\_\_\_\_

AP 528518

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

DATE 2/27/08

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 \_\_\_\_\_ 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)	<u>Russell M. Shipley</u>			
DAYTIME PHONE	CELL	FAX		
MAILING ADDRESS	<u>1585 Route 32</u>	<u>Sykesville</u>	<u>MD</u>	<u>21784</u>
	STREET	CITY/TOWN	STATE	ZIP
APPLICANT	<u>Heritage Land Development</u>			
DAYTIME PHONE	CELL	FAX		
MAILING ADDRESS	<u>410-489-7900</u>	<u>410-984-0408</u>	<u>410-489-9768</u>	
	<u>P.O. Box 482</u>	<u>Lisbon</u>	<u>MD</u>	<u>21765</u>
	STREET	CITY/TOWN	STATE	ZIP
APPLICANT'S ROLE	<input checked="" type="checkbox"/> DEVELOPER	<input type="checkbox"/> BUILDER	<input type="checkbox"/> BUYER	<input type="checkbox"/> RELATIVE/FRIEND
	<input type="checkbox"/> REALTOR	<input type="checkbox"/> CONSULTANT		
PROPERTY LOCATION				
SUBDIVISION NAME	<u>Shipleys Lodge</u>			LOT NO: <u>Parcel A</u>
PROPERTY ADDRESS	<u>1585 Route 32</u>	<u>Sykesville</u>		
	STREET	TOWN/POST OFFICE		
TAX MAP PAGE(S)	<u>9</u>	GRID	<u>17</u>	PARCEL(S)
				<u>91</u>
		PROPOSED LOT SIZE	<u>3.03 ac</u>	

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWAGE 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.

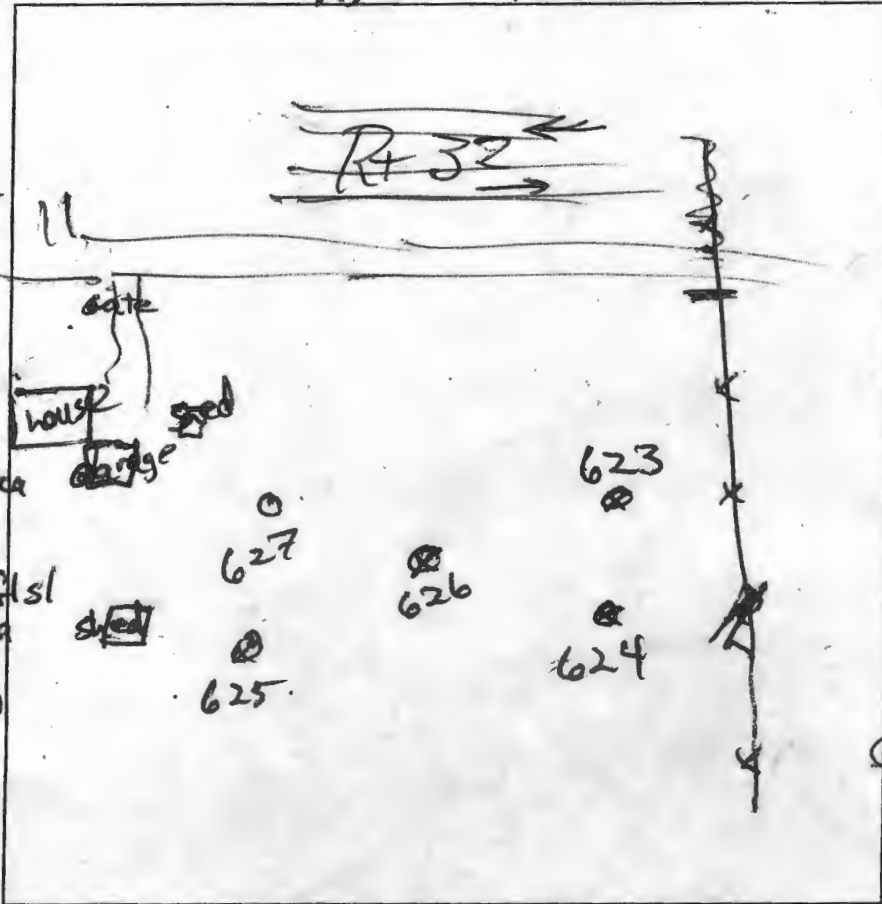
*Jeremy Lutter*  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE, COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



1585 Rte 32 ex. house ~~627~~ <sup>626</sup>

AP  
625  
0.5' brn sl  
brn scl  
2msbk  
To red-brn fscl  
1msbk  
2' red-brn fscl  
1msbk  
4' 1fsbk heavy  
brn ch fscl  
many fine mica  
6' brn ch fscl  
saprolic  
9' pale brn ch & fscl  
many mica  
10.5' water moist  
cave-in  
13'



626  
0.7' dk brn sl  
1fsbk  
brn fscl  
2msbk  
many mica  
2' brn fscl (heavy)  
1msbk  
many fine mica  
3' brn fscl  
sm, many fine mica  
6' brn ch sl  
many fine mica  
6' brn fl sl  
many fine mica  
12' pale brn fl sl  
black coatings  
Cave-in  
13' water level  
14'

623  
0.5' brn sl  
2fsbk  
brn fscl  
many mica  
2msbk  
red brn fscl (heavy)  
many mica  
1msbk  
3' red-brn fscl  
sm, many mica  
6' brn ch fscl  
many mica  
2' pale brn fl sl  
moist, black coatings  
cave-in  
water ← 15'  
16.5'

624  
0.4' brn sl  
1fsbk  
brn grscl  
2msbk  
2' red brn st scl  
common  
fine mica  
4' ch fscl, brn  
many fine mica  
8' brn vch sl  
pale brn fl sl moist  
black coatings  
water level  
14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/30/08	627	3.8' / 12'	9:38	9:44	10:00	16	P
5/30/08	626	12' Visual	same as #627		good 4' to 12'		P
5/30/08	624	5' / 9'	9:57	10:03	10:12	8	P
5/30/08	625	4.8' / 9'	10:25	10:29	10:35	6	P
5/30/08	623	4' / 12'	10:45	10:57	11:24	17	P

REMARKS: Holes dug prior to my arrival except 626.  
 SANITARIAN: RB BACKHOE: Dennis Fanga OTHERS: Tim Fanga  
 TEST HOLES USED IN SDA: \_\_\_\_\_ AVG. PERC TIME: \_\_\_\_\_ SQ. FT/BR: \_\_\_\_\_  
 TRENCH WIDTH: \_\_\_\_\_ INLET DEPTH: \_\_\_\_\_ MAX. BOT DEPTH: \_\_\_\_\_ EFFECTIVE SW: \_\_\_\_\_



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: Russell Shipley, owner  
From: Robert Bricker, RS, CPSS  
Environmental Sanitarian, Well and Septic Program  
RE: Percolation Test Report, Shipley's Lodge\_existing residence, 1585 Rte. 32, Sykesville,  
MD A528518  
Date: June 6, 2008

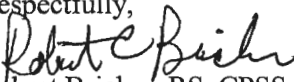
Dear Mr. Shipley,

Percolation testing was conducted on the subject property on May 30, 2008. Profile descriptions were recorded for 5 observed test locations, and percolation test results were recorded for 4 of the locations. The results and observations are recorded on the attached Field Worksheet.

Suitable soil properties occur in the area represented by test locations 623, 624...627, a proposed septic easement for the existing residence (1585 Route 32). A 10,000 square foot septic easement may be defined here; better soils for wastewater treatment occur in the upper portion of the proposed easement, as the lowest portion has more shallow depth to the seasonal water table.

These results may be combined with recent (April 11) percolation test results on the subject property and presented in a Percolation Certification Plan. Records of these percolation tests will be kept in a Health Department file by address of the subject property. If you have any questions regarding development of a Percolation Certification Plan or associated procedures, please contact me at the above address or by calling (410) 313-1771.

Respectfully,

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

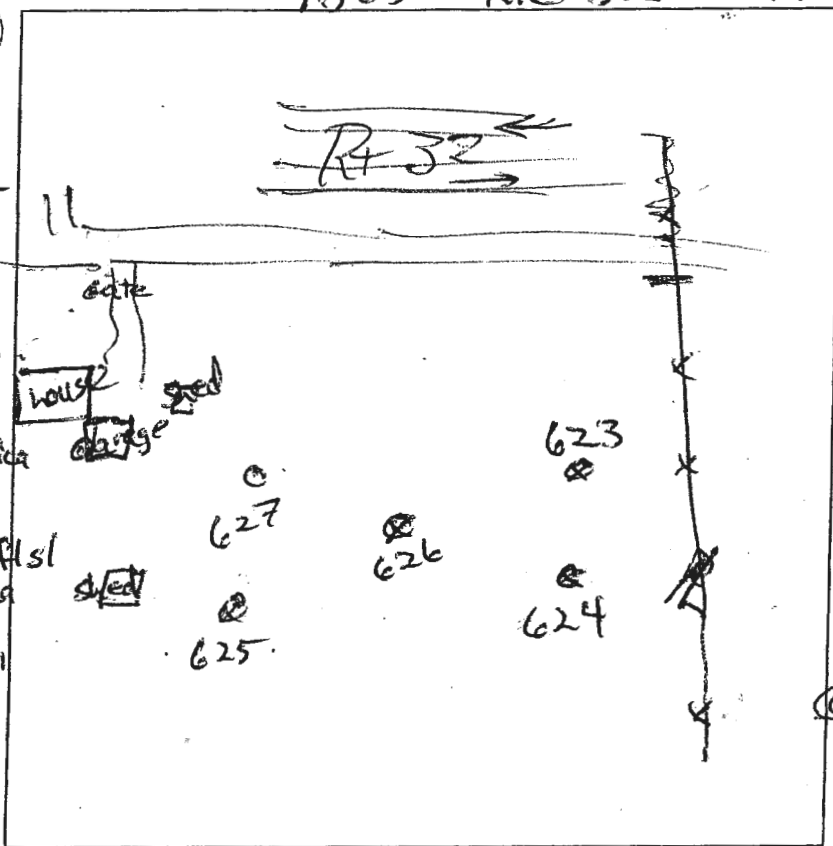
Enclosures: Field Worksheets

Copy: Tim Feaga, Heritage Land Development.  
file

1585 Rte 32 ex. house

626  
~~627~~

AP  
625



0.3' brn sl  
brn sc  
2msbk  
to red-brn fscl  
1msbk  
2' red-brn fscl  
1msbk  
4' 1fsbk heavy  
brn ch fscl  
many fine mica  
6' brn ch fscl  
saproline  
9' pale brn ch & fl sl  
10.5' many mica  
13' water most  
cave in

0.7' dk brn sl  
1fsbk  
brn fscl  
2msbk  
many mica  
2' brn fscl (heavy)  
1msbk  
many fine mica  
3' brn fscl  
com. many fine mica  
6' brn ch sl  
many fine mica  
10' brn fl sl  
many fine mica  
12' pale brn fl sl  
black coatings  
Cave-in  
13' water level

623

0.5' brn sl  
2fsbk  
2' brn fscl  
many mica  
2msbk  
red brn fscl (heavy)  
many mica  
1msbk  
3' brn & red brn fscl  
com. many mica  
6' brn ch fscl  
many mica  
12' pale brn fl sl  
moist, black coatings  
13' cave in  
15' water

624  
0.4' brn sl  
1fsbk  
brn gr sl  
2msbk  
2' red brn st sl  
common  
fine mica  
4' ch fscl, brn  
many fine mica  
8' brn vch sl  
pale brn fl sl moist  
black coatings  
12' water level

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/30/08	627	3.8' 12'	9:38	9:44	10:00	16	P
5/30/08	626	12' Visual		same as #627 good 4' to 12'			P
5/30/08	624	5' 9'	9:57	10:03	10:12	8	P
5/30/08	625	4.8' 9'	10:25	10:29	10:35	6	P
5/30/08	623	4' 12'	10:45	10:57	11:24	17	P

REMARKS Holes dug prior to my arrival except 626.  
 SANITARIAN RB BACKHOE Dennis Foga OTHERS Tom Foga  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_



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Peter L. Beilenson, M.D., M.P.H., Health Officer

To: Russell Shipley, owner  
From: Robert Bricker, RS, CPSS  
Environmental Sanitarian, Well and Septic Program  
RE: Percolation Test Report, Shipley's Lodge Lots 1 to 3, 1585 Rte. 32, Sykesville, MD  
A528518  
Date: April 11, 2008

Dear Mr. Shipley,

Percolation testing was conducted on the subject property on April 3, 2008. Profile descriptions were recorded for all test locations observed and percolation test results were recorded for all locations tested. The records of results and observations are the content of the 4 attached Percolation Test Field Worksheets.


Suitable soil properties occur in the area represented by test locations 601, 603, 604, 605 and 616 (in the septic easement for proposed Lot 1, for the existing residence). A 10,000 square foot septic easement may be defined here, though the area around 601 should not be included as it is significantly higher in elevation. Test location 602, which is in a drainage feature, failed the percolation test.

Easements depicted on the Percolation Certification Plan for Lots 2 and 3 have soil properties that are unsuitable for wastewater disposal. Primarily due to shallow water table on proposed Lot 2, and due to shallow rock and too slow percolation rates on proposed Lot 3.

As 2 of the 3 proposed septic easements had failed, an additional area was observed and tested. This area, represented by test locations 617, 618, 619, 620, 621 and 622, lies on a side slope along the south property boundary. The results were mixed for these 6 locations as three (618, 619, 621) had passing profiles and percolation rates, while two (617 and 620) had percolation rates too slow, and a very shallow water table was observed at the remaining location (622). Additional 'passing' tests (or test) must be observed to define area as a septic easement. Also, the area may not be 10,000 square feet in size and therefore additional septic easement area would be required for simple subdivision.

These records will be kept in a Health Department file for the subject property. If you have any questions regarding development of a Percolation Certification Plan or associated procedures, 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

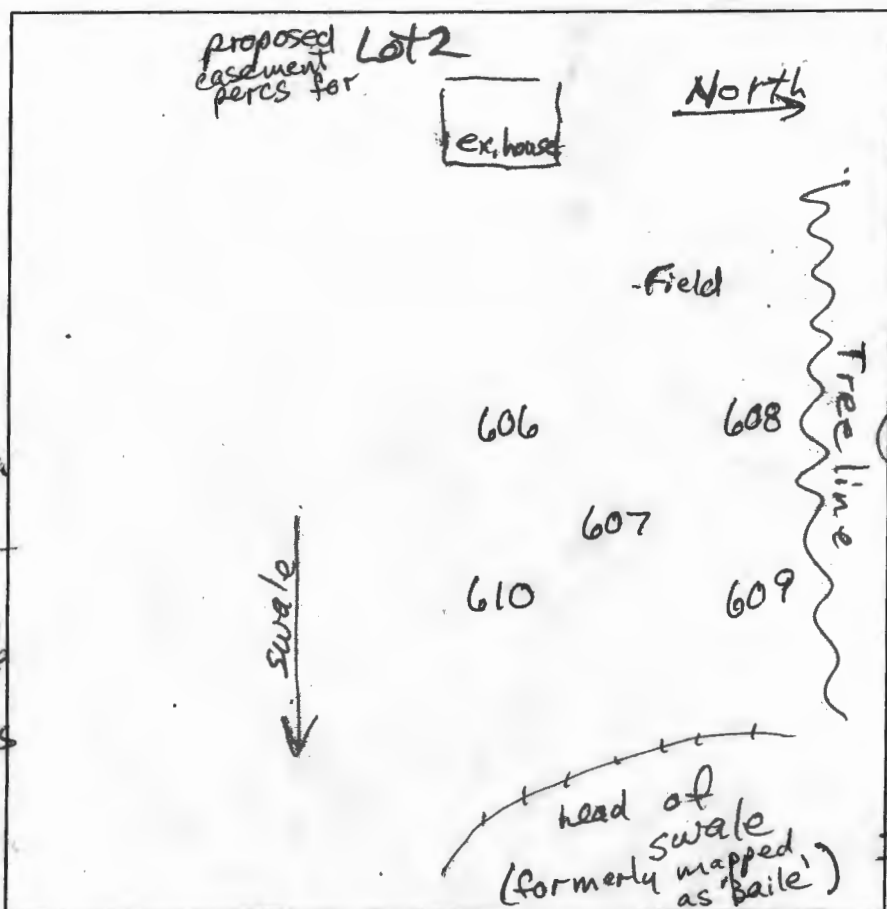
Enclosures: 4 Field Worksheets

Copy: Tim Feaga, Heritage Land Development.  
file

AP  
**606**  
 0.5' dk brn sl  
 1.7' brn scl 2msbk  
 4' brn sl dense, heavy  
 7.5' brn sl many fine & very fine mica variegated  
 10' dk grey-brn fsl many mica  
 13' lt grey fine  
 1' brn fsl  
 1' white coatings water seeps

~~0.7' dk brn sl~~  
 3' brn scl  
 6.5' brn & red brn fsl, many mica  
 9' lt grey-brn fsl, many mica  
 11' water level  
 12'

**608**  
 0.5' dk brn sl  
 3' brn scl few gravel  
 6' grey fsl micaceous  
 7' yel-red fsl heavy  
 \* hole caved-in filled cannot finish description



**607**  
 0.8' dk brn sl  
 2' brn scl 2msbk  
 4' brn sl heavy  
 6' brn fsl many mica fine  
 9' lt grey-brn fsl many mica very fine  
 12' lt. brn fsl many fine mica  
 12.5' grey fsl common fine enrichments  
 3' brn scl to 3' lt. grey & yel-red fsl, many mica  
 7' lt. grey fsl micaceous  
 10' pale brn grey brn fsl  
 12' **610**

0.5' dk brn sl  
 2.5' brn scl 2msbk  
 7' lt. red-brn & lt. brn fsl  
 10' lt grey-brn fsl, many fine mica  
 moist lt. grey ch fsl  
 black coatings  
 13.5' water seeps

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
	<del>607</del>	<del>607</del>					
	607	12'					
4/3/09	606	5' / 11.5'	10:15	10:39	11:14	35+	F

REMARKS **607** water level 10' cave-in 7.5' **606** water level 12' cave-in 10' **609** water level 11.5' cave-in 8' 13.5'

SANITARIAN **RB** BACKHOE **Dennis Feago** OTHERS **Tim Feago**

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

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

AP

614

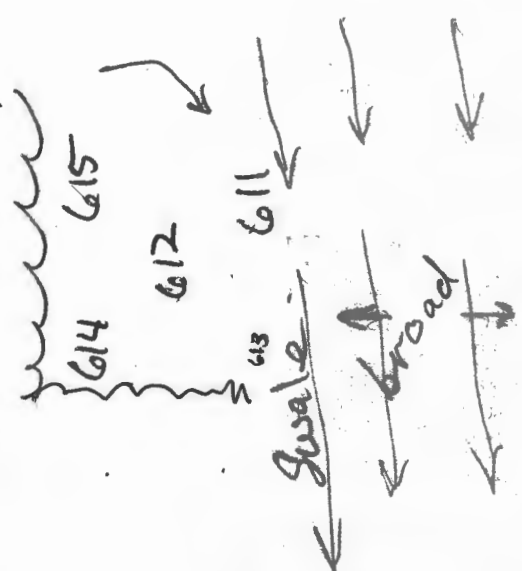
Vertical shale seam to surface

brn scl to irregular boundary 0.5' to 2.5'

5' R

proposed Lot 3

North →



615  
0.5' dk brn sl  
red-brn fsl, 1msbk  
3' brn fsl many mica heavy few channers  
6.5' brn ch fsl many mica  
8' brn fsl 30% flags micaceous  
12' brn v fsl 750% flags  
13'

612

0.5' brn sl  
brn scl 2msbk  
3' red brn scl 1rsbk  
5.5' brn sl  
6.5' heavy brn ch fsl micaceous  
11' red-brn fsl micaceous  
13' waterseeps - 12.5'

611

0.5' dk brn sl  
brn scl 2msbk  
2.5' brn ch fsl heavy  
5' brn fsl many mica few channers inclusion of death quartzite  
9' brn ch sl micaceous  
11' waterseeps\*  
grey-brn fsl  
black coatings  
13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/3/08	G11	4'	10:59	11:24			F
4/3/08	G15	4'/12'	11:30	11:53			F
4/3/08	G14	Refusal at 5'					F

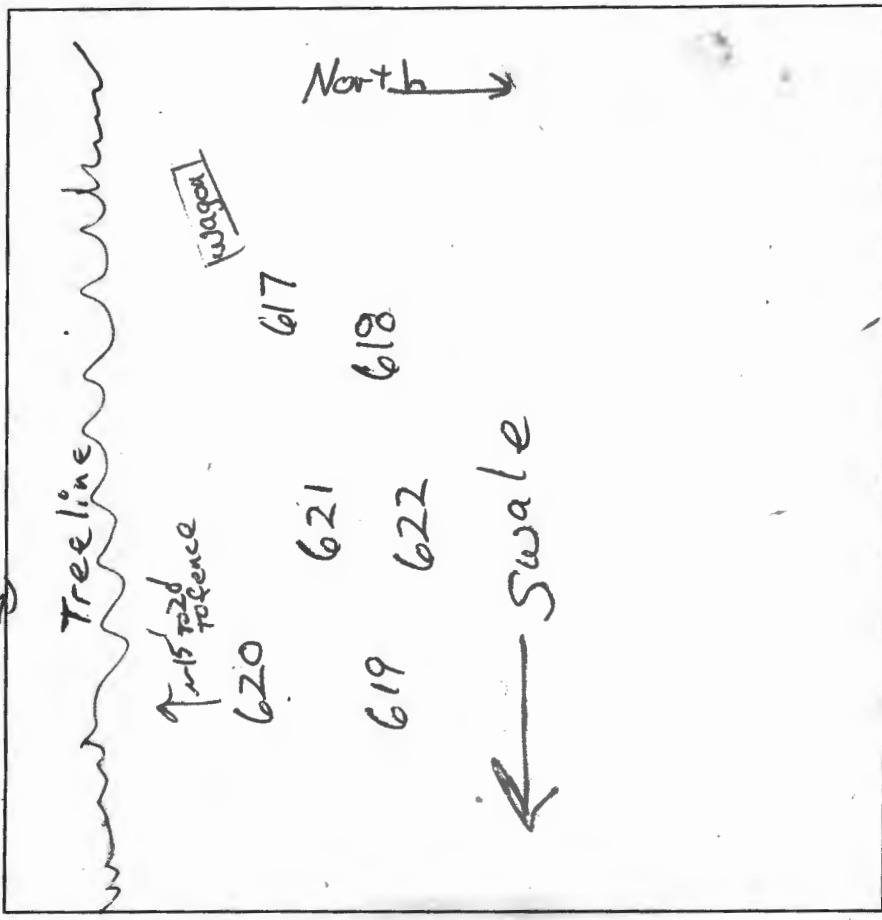
REMARKS Did not dig G13 Did not perc. test G12  
 SANITARIAN RB BACKHOE Dennis Feaga OTHERS Tim Feaga  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

AVP

620  
 0.3' dk brn sl  
 2.5' brn scl 2msbk  
 5' dk brn gr scl 1msbk  
 9' lt. brn fs l dm, micaceous  
 12' yel red fs l Saprolite fine platy micaceous  
 14' dk brn 3 fs l micaceous

621  
 0.4' dk brn sl  
 3' brn scl 2msbk  
 3' brn st sl heavy  
 5' common mica  
 10' yel-red & lt. grey fs l micaceous  
 13' lt. grey brn fs l, few gravel  
 14' dk. brn grey black coatings micaceous

622  
 0.5' dk brn sl  
 2.5' brn scl  
 5' brn fs l heavy  
 7.5' grey fsc many mica  
 1' yel fsc with yel-red fs l micaceous



618  
 0.5' dk brn sl  
 2' brn scl 2msbk  
 3.5' red-brn scl 1 fsbk  
 5.5' lt. brn sl heavy  
 8.5' Variegated lt. grey & red-red fs l, many mica  
 11' lt. brn fs l few quartzite gravel  
 14' pale brn lt grey black coatings

619  
 2.5' brn scl 2msbk  
 6' brn fs l heavy  
 1' few gravel  
 6' lt. brn & red chf fs l micaceous  
 12' pale brn chf black coatings

617  
 0.2' dk brn sl  
 2' brn scl  
 5.5' brn altered-brn fs l heavy  
 7' lt. brn & lt. red fs l black streaks  
 11.5' lt. grey-brn fs l, few gravel quartzite many mica  
 13' pale brn & brn grey gr fs l black coatings  
 13' most many mica water

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/3/08	617	6.5' / 11'	12:48	1:10+			F
4/3/08	618	5.5' / 12'	1:11	1:21	1:40	19	P
4/3/08	619	6' / 12'	1:44	1:48	2:01	13	P
4/3/08	620	6.8' / 12'	1:45	2:05+			F
4/3/08	621	5.8' / 13'	2:09	2:29+			F
reshelf	620	6.8' / 12'	2:15	2:33	3:08+	>30	F
reshelf	621	7' / 13'	2:32	2:40	2:51	11	P
4/3/08	622	5'	Visual	clay texture grey			F

REMARKS \_\_\_\_\_  
 SANITARIAN RB BACKHOE Dennis Fingers OTHERS Tim Finga  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SAW \_\_\_\_\_

to 8.5' soils heavy with moisture

607

606

proposed easement perc's for Lot 2

North

ex. house

Field

Tree line

swale

head of swale (formerly mapped as 'Baile')

0.5' dk brn sl  
 1.7' brn scl 2msbk  
 4' brn sl dense, heavy  
 7.5' brn sl many fine & very fine mica variegated  
 10' lt. grey fine  
 13' brn fsl. with coatings water seeps

0.8' dk brn sl  
 2' brn scl 2msbk  
 4' brn of sl heavy  
 6' lt grey-brn fsl, many fine inclusions  
 9' lt grey brn fsl, many mica very fine  
 12' lt. brn fsl many fine mica  
 12.5' grey fsl common fine enrichments

0.7' dk brn sl  
 3' brn scl  
 6.5' brn & red brn fsl, many mica  
 9' lt grey-brn fsl, many mica  
 11' dk brn-grey fsl, mica & coals  
 12' water level

3' brn scl to 3'  
 7' lt. grey & red fsl, many mica  
 10' lt. grey fsl mica & coals  
 12' pale brn grey brn fsl

0.5' dk brn sl  
 3' brn scl few gravel  
 6' grey brn mica & coals  
 7' yellow-red fsl heavy  
 \* hole caved-in cannot finish description

0.5' dk brn sl  
 2.5' brn scl 2msbk  
 7' lt. red-brn & lt. brn fsl  
 10' lt. grey-brn fsl, many fine mica  
 11.5' lt. grey ch fsl black coatings  
 13.5' water seeps

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	PI/FH
	607	607					
	607	12'					
4/3/09	606	5' / 11.5'	10:15	10:39	11:14+	35+	F

REMARKS 607 water level 10' Cave-in 7.5' 606 water level 12' Cave-in 10' 609 water level 11.5' Cave-in 8' 13.5'

SANITARIAN RB BACKHOE Dennis Feaga OTHERS Tim Feaga  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

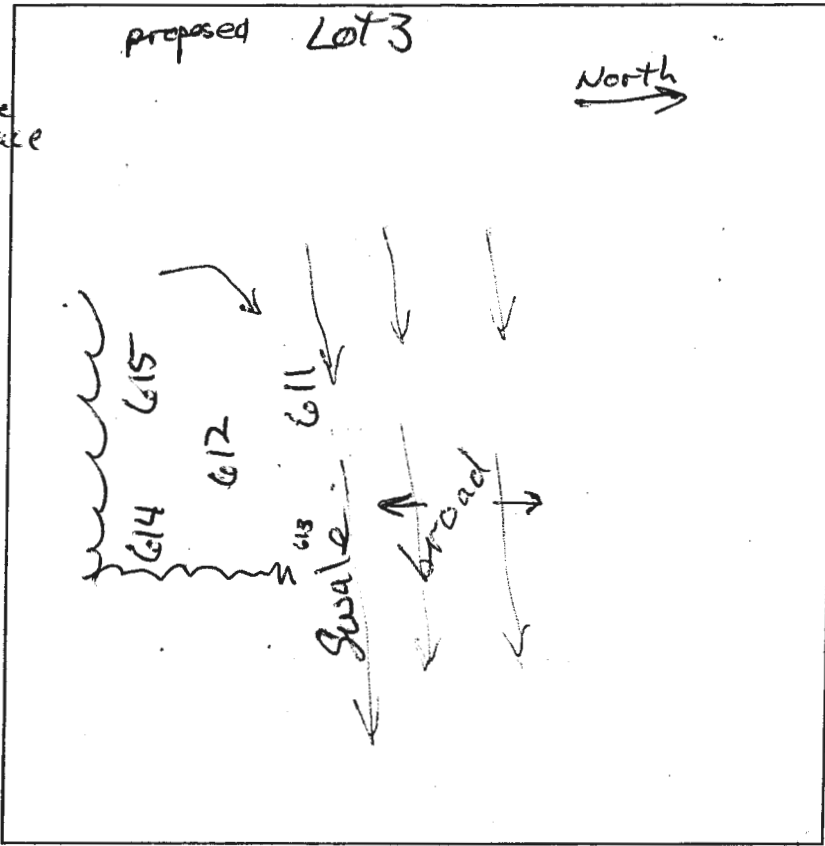
AP

614

Vertical shale seam to surface

brn scl to irregular boundary 0.5' to 2.5'

5' R



615  
 0.5' dk brn sl  
 3' red-brn fsl, 1msbk  
 0.5' brn fsl many mica heavy few channels  
 8' brn chfsl many mica  
 12' brn fsl 30% flags micaceous  
 13' brn v fsl 75% flags

612

0.5' brn sl  
 5.5' brn scl 2msbk  
 6.5' red-brn scl 1Rsbk  
 11' brn sl heavy  
 13' brn chfsl micaceous  
 11' red-brn fsl micaceous  
 13' waterseeps - 12.5'

611

0.5' bk brn sl  
 2.5' brn scl 2msbk  
 5' brn g fsl heavy  
 9' brn fsl many mica inclusion of quartzite  
 12' brn chsl micaceous  
 13' waterseeps\* grey-brn fsl black coatings

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/3/08	G11	4'	10:59	11:24			F
4/3/08	G15	4'/12'	11:30	11:53			F
4/3/08	G14	Refusal at 5'					F

REMARKS Did not dig G13 Did not perc. test G12  
 SANITARIAN RB BACKHOE Dennis Feaga OTHERS Chuck Coate  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ **AP 528518-B**  
 AGENCY REVIEW: \_\_\_\_\_ DATE **2/27/08-**

**DO NOT WRITE ABOVE THIS LINE**

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)	<u>Russell M. Shipley</u>		
DAYTIME PHONE	CELL	FAX	
MAILING ADDRESS	<u>1585 Route 32</u>	<u>Sykesville</u>	<u>MD 21784</u>
	STREET	CITY/TOWN	STATE ZIP
APPLICANT	<u>Heritage Land Development</u>		
DAYTIME PHONE	CELL	FAX	
MAILING ADDRESS	<u>410-489-7900</u>	<u>410-984-0408</u>	<u>410-489-9768</u>
	STREET	CITY/TOWN	STATE ZIP
APPLICANT'S ROLE	<input checked="" type="checkbox"/> DEVELOPER	<input type="checkbox"/> BUILDER	<input type="checkbox"/> BUYER
		<input type="checkbox"/> RELATIVE/FRIEND	<input type="checkbox"/> REALTOR
			<input type="checkbox"/> CONSULTANT
PROPERTY LOCATION	<u>ShIPLEY'S Lodge</u>		
SUBDIVISION NAME		LOT NO.	<u>3</u>
PROPERTY ADDRESS	<u>1585 Route 32</u>	<u>Sykesville</u>	
	STREET	TOWN/POST OFFICE	
TAX MAP PAGE(S)	<u>9</u>	GRID <u>17</u>	PARCEL(S) <u>91</u>
		PROPOSED LOT SIZE	<u>4.91 acre</u>

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWAGE 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.

*Jeremy Rutter*  
 \_\_\_\_\_  
 SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
 7178 COLUMBIA GATEWAY DRIVE, COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648  
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



Howard County  
Health Department

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

Peter L. Beilenson, M.D., M.P.H., Health Officer

Tuesday, July 27, 2010

MEMORANDUM

**IMPORTANT**

To: FILE

From: Michael J. Davis *mjd*  
Assistant Director  
Bureau of Environmental Health

Re: Shipley's Lodge  
Lots 1 & 2

I met with Tim Feage, Heritage Land Development, on July 27, 2010. The property owner intended subdivide to create a lot for daughter to build a home, but the daughter's husband is now unemployed. Requests to extend recordation of the final record plat have been maximized. Based on this hardship, the fact that the existing well may be viewed as a test well, and the size of the parcel, I have waived the requirement to drill a new well on Buildable Preservation Parcel A prior to signature of the final record plat. Tim agreed to have the owner provide a letter of commitment indicating that the following shall occur before a building permit on lot 1 is approved and/or either lot is sold:

1. the existing well will be properly abandoned by a licensed well driller, *and*
2. a new well shall be installed prior to the issuance of a building permit on lot 1.

**Davis, Michael**

---

**From:** Davis, Michael  
**Sent:** Friday, July 23, 2010 11:44 AM  
**To:** 'Tim Feaga'  
**Subject:** RE: Shipley's Lodge Lot 1 F-09-101

Tim,

How about Tuesday July 27, 2010 at 10 AM?

Mike

---

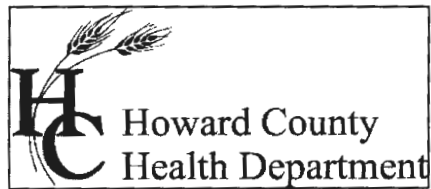
**From:** Tim Feaga [mailto:timfeaga@mris.com]  
**Sent:** Friday, July 23, 2010 10:39 AM  
**To:** Davis, Michael  
**Subject:** Shipley's Lodge Lot 1 F-09-101

Mike, in the past 10 years Health has taken a more strict attitude towards having "to do" items performed prior to record plat when in previous years these items were tied to building permit or sometime use-in-occupancy permit.

The above referenced job is a little one lot thing where an old time land owner was creating a lot for her daughter and her daughter's husband lost his job so that property has gone dormant. We are now at the point where the extensions from Howard County are to run out so the owner will have to "use it or loose it" in terms of recording the property. She was hoping that there could be some relief on a few of the demands of health until her daughter is ready to build.

Can I come in next week and meet with either you or anyone you choose to go over the details and see if there are any costly items that you could suspend until building permit? I'm available most times next week except for the 28<sup>th</sup> in the morning and anytime the following week.

**Tim Feaga**  
**Heritage Realty & Land Development**  
**Phone: 410-489-7900, ext. 111**  
**Fax: 410-489-4754**  
**email: [tim@heritagemaryland.com](mailto:tim@heritagemaryland.com)**  
**Equal Housing Opportunity**



Bureau of Environmental Health  
7178 Columbia Gateway Drive Columbia, Maryland 21046-2132  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

---

Peter Beilenson, M.D., M.P.H., Health Officer

## **MEMORANDUM**

DATE: January 11, 2011

TO: Kent Sheubrooks, Acting Chief  
Division of Land Development

FROM: Robert Bricker, Environmental Sanitarian Supervisor  
Well and Septic Program

RE: F-09-101  
Title: SHIPLEY'S LODGE, LOT 1 AND BUILDABLE  
PRESERVATION PARCEL 'A'

The well for Shipley's Lodge Lot 1 has been drilled and has preliminary approval by the Howard County Health Department. The well on Parcel 'A' existed prior to this project and has the Health Department's approval. The recordation of Plat F-09-101 should not be held up due to issues involving well drilling as the developer of this project has fulfilled this prerequisite. If there are any questions concerning this particular memorandum, please contact me at 410-313-2691.

RB

Copy: Debbie Tinkle, Heritage Realty and Land Development, Inc.  
file

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
Division of Land Development

DATE: April 29, 2009

DPZ File No. F-09-101

Department of Planning and Zoning

- 1 Transportation Planning
- 2 Resource Conservation (Historic/Ag Pres)
- Public Service and Zoning Administration
- 1 Research
- 1 Address Coordinator

- 1 Comprehensive & Community Planning
- 4 Development Engineering Division\*
- Other
- 2 File\*

See: N/A

Agencies

- 1 Soil Conservation District\*
- Department of Inspections, Licenses & Permits
- 1 Department of Fire and Rescue Services
- 4/5 State Highway Administration\*
- 1 Health Department\*
- 1 Public School System
- 1 Recreation and Parks\*
- WSSC (Non-Residential Only)
- MD Aviation Administration

- 1 Tax Assessment
- 2 Verizon
- 2 BGE
- Cable TV
- Police
- MTA
- Finance
- DPW, Real Estate Services
- DPW, Construction and Inspection
- DPW, Bureau of Utilities

RE: Shipley's Lodge, Lot 1 & Buildable Preservation Parcel 'A'

ENCLOSED FOR YOUR  Signature Approval  Review & Comments  Files

THE ENCLOSED  Original  Pre-Packaged Plan Set

Plans	# of Sheets	Supplemental Documents
<u>    </u> Sketch Plan	<u>    </u>	<u>    </u> Wetlands Report
<u>    </u> Prel Equiv Sketch Plan	<u>    </u>	<u>    </u> Soils/Topo Map/Drain Area Map
<u>    </u> Preliminary Plan	<u>    </u>	<u>    </u> FSD/FCP/Worksheet and Application
<u>27</u> Final Plat/ <del>Plot of Easement/RE Plat</del>	<u>1</u>	<u>    </u> Declaration of Intent (Forest Cons)
<u>    </u> Final Constr Plans (RDS)*	<u>    </u>	<u>    </u> Drainage and/or Computation/Pond Safety Comps
<u>    </u> Final Development Plan	<u>    </u>	<u>    </u> Preliminary Road Profiles
<u>    </u> Site Development Plan	<u>    </u>	<u>    </u> APFO Roads Test/Mitigation Plan/Traffic Study
<u>6</u> <del>Landscape Plan</del> /Supplemental Plan	<u>    </u>	<u>2</u> Noise Study
<u>    </u> Grading Plan	<u>    </u>	<u>    </u> Sight Distance Analysis/Speed Flow Study
<u>    </u> House Type Revision/Walk-Thru Red-Line	<u>    </u>	<u>    </u> Floodplain Study
<u>    </u> Water and Sewer Plan	<u>    </u>	<u>    </u> Stormwater Management Comps/Geo-Tech Report
<u>    </u> Applications	<u>    </u>	<u>    </u> Industrial Waste Survey (DPW)
<u>    </u> Waiver Petition Applic/Exhibit	<u>    </u>	<u>    </u> Road Poster Form Letter
<u>    </u> Planning Board Application	<u>    </u>	<u>    </u> Response Letter
<u>    </u> ASDP/CSDP Application	<u>    </u>	<u>2</u> Perc Plat
<u>    </u> DED Application/Checklist	<u>    </u>	<u>    </u> Scenic Road Exhibits
<u>    </u> DED Fee Receipt/Deeds/Cost Estimate	<u>    </u>	<u>    </u> Deeds
<u>    </u> Overall Scaled Composite - Sheet 1 of 8	<u>    </u>	<u>    </u> Photographs
<u>    </u> Water & Sewer Plans - Letter	<u>    </u>	<u>    </u> Retaining Wall Comps/Details
<u>    </u> List of Street Names	<u>    </u>	<u>    </u> Poster/Community or HDC Meeting Information
		<u>    </u> Route 1 Details/Summary

WAS:  Received  Tentatively Approved  Recorded

Received and Revised  Approved On April 29, 2009

COMMENTS: Revision required for well box and septic easement shapes/locations. SRC/Comments Due By: May 22, 2009

     Check, initial and return to the Department of Planning and Zoning if plan is approved with no comments.

DPZ STAFF INITIALS: JEH



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

5/21/2009

TO: Cindy Hamilton, Chief  
Division of Land Development

FROM: Robert Bricker, R.S.  
Environmental Sanitarian  
Well and Septic Program

RE: File Number: F-09-101  
Title: Shipley's Lodge Lot 1 & Buildable Preservation parcel 'A'

Revised Final Plat and Supplemental Plan are required. Locations and dimensions of the septic easements and the wellboxes must be the same as on the Percolation Certification Plan signed by the Approving Authority. The specific issues are listed below.

- 1) The septic easement on Parcel 'A' is inaccurately drawn and located on the Subdivision Plat. It appears to be a mirror image of the area approved on the Percolation Certification Plan and the location is too distant from the front lot line.
- 2) On the Supplement Plan, the septic easement is shown similarly as on the Subdivision Plat. It is shaped incorrectly. Clearly it is located too distant from the front lot line, encroaching on an area of unsuitable soils.
- 3) On the Supplement Plan, the dimensions of the wellbox on proposed Lot 1 are not the same as on the Percolation Certification Plan signed by the Approving Authority.

Additional conditions for approval of F-09-101 by the Health Department are:

- a) New wells must be drilled on Lot 1 and on Parcel 'A'.
- b) The house connection for the new well on Parcel 'A' must be inspected and approved by an Environmental Sanitarian.
- c) The existing well (HO-73-4326) must be sealed by a Licensed Well Driller.
- d) After connection of the new well on Parcel 'A', a water quality sample from the existing house must meet Health Department standards for bacteriology.

RB  
Copy: file



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website: www.hchealth.org

---

Peter L. Beilenson, M.D., M.P.H., Health Officer

9/22/2008

TO: Paul Sill, Sill, Adcock & Associates  
FROM: Robert Bricker, R.S., Environmental Sanitarian  
Well and Septic Program

RE:

- 1) Label the outbuildings.
- 2) Add a label (and location) for approx. Septic Tank.
- 2) Add a 25-foot radius around well to be abandoned.
- 3) Adjust septic easement on Lot 1 as shown (see photocopy).
- 4) Add this note: THE EXISTING HOUSE, 5 OUTBUILDINGS, SEPTIC TANK AND LEACH BED REMAIN. THE EXISTING SEPTIC SYSTEM WILL BE UPGRADED WHEN REQUIRED BY HOWARD COUNTY CODE.
- 5) Add this note: AFTER THE WATER HOUSE CONNECTION IS APPROVED FOR THE EXISTING RESIDENCE ON PARCEL 'A', AND THE EXISTING WELL (HO-73-4326) THEREON HAS BEEN SEALED, A WATER QUALITY SAMPLE FROM THE EXISTING HOUSE MUST PASS HEALTH DEPARTMENT STANDARDS FOR BACTERIOLOGY PRIOR TO SIGNATURE OF THE RECORD PLAT BY THE HEALTH OFFICER.
- 6) Add this note: ~~AN ICOP FOR THE REPLACEMENT WELL WILL NOT BE ISSUED UNTIL THE WELL DRILLER'S ABANDONMENT REPORT FOR THE EXISTING BURIED WELL IS IN THE HEALTH DEPARTMENT FILE FOR THE SUBJECT PROPERTY.~~
- 7) Add the Health Officer signature block
- 8) Do not show test location #613

RB  
Copy: file

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
Division of Land Development

DATE: December 6, 2010

DPZ File No. WP-11-096

Department of Planning and Zoning

- \_\_\_\_ Transportation Planning
- \_\_\_\_ Resource Conservation (Historic/Ag Pres)
- \_\_\_\_ Public Service and Zoning Administration
- 1 Research
- \_\_\_\_ Address Coordinator

- \_\_\_\_ Comprehensive & Community Planning
- 2 Development Engineering Division
- \_\_\_\_ Other
- 2 File

**See: F-09-101 & WP-10-116**

Agencies

- \_\_\_\_ Soil Conservation District
- \_\_\_\_ Department of Inspections, Licenses & Permits
- \_\_\_\_ Department of Fire and Rescue Services
- \_\_\_\_ State Highway Administration
- 1 Health Department
- \_\_\_\_ Public School System
- 1 Recreation and Parks
- \_\_\_\_ WSSC (Non-Residential Only)
- \_\_\_\_ MD Aviation Administration

- \_\_\_\_ Tax Assessment
- \_\_\_\_ Verizon
- \_\_\_\_ BGE
- \_\_\_\_ Cable TV
- \_\_\_\_ Police
- \_\_\_\_ MTA
- \_\_\_\_ Finance
- \_\_\_\_ DPW, Real Estate Services
- \_\_\_\_ DPW, Construction and Inspection
- \_\_\_\_ DPW, Bureau of Utilities

RE: **Shipley's Lodge, Lot 1 & Buildable Preservation Parcel A**

ENCLOSED FOR YOUR = \_\_\_\_\_ Signature Approval  Review & Comments \_\_\_\_\_ Files

THE ENCLOSED = \_\_\_\_\_ Original \_\_\_\_\_ Pre-Packaged Plan Set

Plans	# of Plans
____ Sketch Plan	____
____ Prel Equiv Sketch Plan	____
____ Preliminary Plan	____
____ Final Plat/Plat of Easement/RE Plat	____
____ Final Constr Plans (RDS)	____
____ Final Development Plan	____
____ Site Development Plan	____
____ Landscape Plan/Supplemental Plan	____
____ Grading Plan	____
____ House Type Revision/Walk-Thru Red-Line	____
____ Water and Sewer Plan	____

Supplemental Documents
____ Wetlands Report
____ Soils/Topo Map/Drain Area Map
<input checked="" type="checkbox"/> FSD/FCP/Worksheet and Application
____ Declaration of Intent (Forest Cons)
____ Drainage and/or Computation/Pond Safety Comps
____ Preliminary Road Profiles
____ APFO Roads Test/Mitigation Plan/Traffic Study
____ Noise Study
____ Sight Distance Analysis/Speed Flow Study
____ Floodplain Study
____ Stormwater Management Comps/Geo-Tech Report
____ Industrial Waste Survey (DPW)
____ Road Poster Form Letter
<input checked="" type="checkbox"/> Justification Letter
____ Perc Plat
____ Scenic Road Exhibits
____ Deeds
____ Photographs
____ Retaining Wall Comps/Details
____ Poster/Community or HDC Meeting Information
____ Route 1 Details/Summary

Applications	# of Plans
<u>11</u> Waiver Petition Applic/Exhibit	<u>11</u>
____ Planning Board Application	____
____ ASDP/CSDP Application	____
____ DED Application/Checklist	____
____ DED Fee Receipt/Deeds/Cost Estimate	____
____ Overall Scaled Composite	____
____ Water & Sewer Plans	____
____ List of Street Names	____

WAS:  Received \_\_\_\_\_ Tentatively Approved \_\_\_\_\_ Recorded  
 Received and Revised \_\_\_\_\_ Approved \_\_\_\_\_  
 On December 6, 2010

COMMENTS: \_\_\_\_\_ Due- 17 Working Days: **January 6, 2010**

*VPB*  
 Check, initial and return to the Department of Planning and Zoning if plan is approved with no comments.  
*The Health Department does not oppose these 2 proposals. PJ 12/17/10*  
 DPZ STAFF INITIALS: JB