



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

APR 5 2008

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

DATE 2/3/06

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) HOLLY HOUSE DEVELOPMENT LLC

DAYTIME PHONE 410-531-8930 EXT 27 CELL \_\_\_\_\_ FAX 410-531-8939

MAILING ADDRESS 14045 GARED DR. GLENWOOD MD. 21738  
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 12402 LIME KILN ROAD LOT NO. 5

PROPERTY ADDRESS 12402 LIME KILN ROAD FULTON, MD. 20759  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 45 GRID 6 PARCEL(S) 24 PROPOSED LOT SIZE 2

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

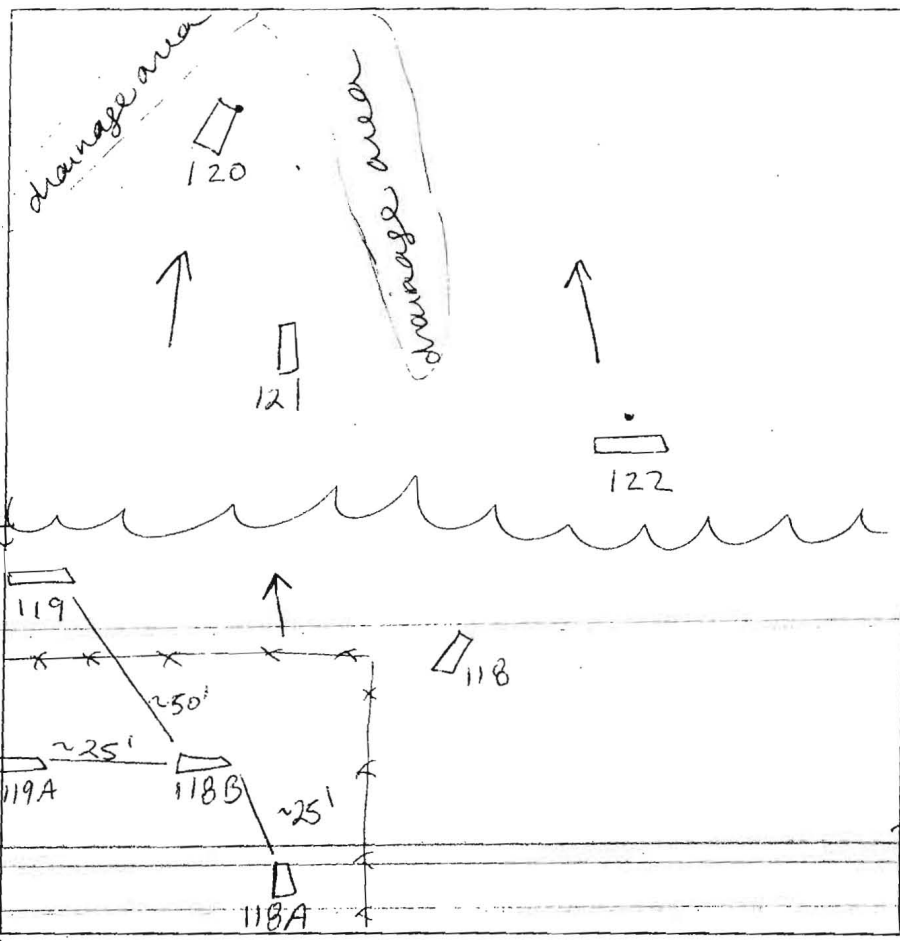
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P Lot 5

119A  
brown L  
~7"  
reddish yellow  
dense sil  
micasious  
~3'  
reddish yellow  
sil sg  
micasious  
5% chert  
coarse chert  
saponite

121  
dark brown L  
~8"  
brown  
heavy loam  
sil cw sg  
micasious  
15% chert/coarse chert  
6'  
30% chert  
coarse chert  
85" HB

120  
dark brown L  
~7"  
reddish yellow  
L roots  
15"  
yellow  
sil sg  
micasious  
25% gravel  
brown  
fine sil  
10-15% chert  
coarse chert  
saponite  
11"



119  
dark brown L  
25"  
reddish yellow  
heavy L  
micasious  
?  
yellow brown  
sil  
dense in ground  
micasious  
3'  
pale red  
sil sg  
micasious  
10% chert  
coarse chert  
saponite  
12'

118A  
dark brown L  
yellow brown  
sil  
pl 45% rock  
throughout  
~2'  
weak red  
sil sg  
micasious  
7'  
HB

118B  
dark brown L  
~6"  
light red /  
pale red  
dense sil  
micasious  
28"  
reddish yellow/  
pale red  
sil sg  
micasious  
5% chert/  
coarse chert  
25% coarse  
saponite  
12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
2/23/06	119	12'		visual		ok	P
	120	11'		poor location			F
	121	8'5"		poor location			F
Lot 6	122			visual		ok	P
Lot 6	118					4	P
	118A	7'			rock		F
	118B	4'5" / 12'	1:53	1:57	2:01	4	P
	119A	12'		visual		ok	P

REMARKS Holes dug per plan - #118A, B + 119A field adjusted due to drainage area in middle of SDA.  
 SANITARIAN SF BACKHOE Fogels OTHERS B. Sheehey  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME 4 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 \_\_\_\_\_

APR 24 2008

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

DATE 2-3-06

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STREET CITY/TOWN STATE ZIP

APPLICANT SAME AS OWNER

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME 12402 LIME KILN ROAD LOT NO. 6

PROPERTY ADDRESS 12402 LIME KILN ROAD FULTON, MD. 20759  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 45 GRID 6 PARCEL(S) 24 PROPOSED LOT SIZE 3

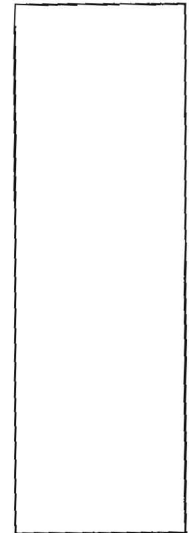
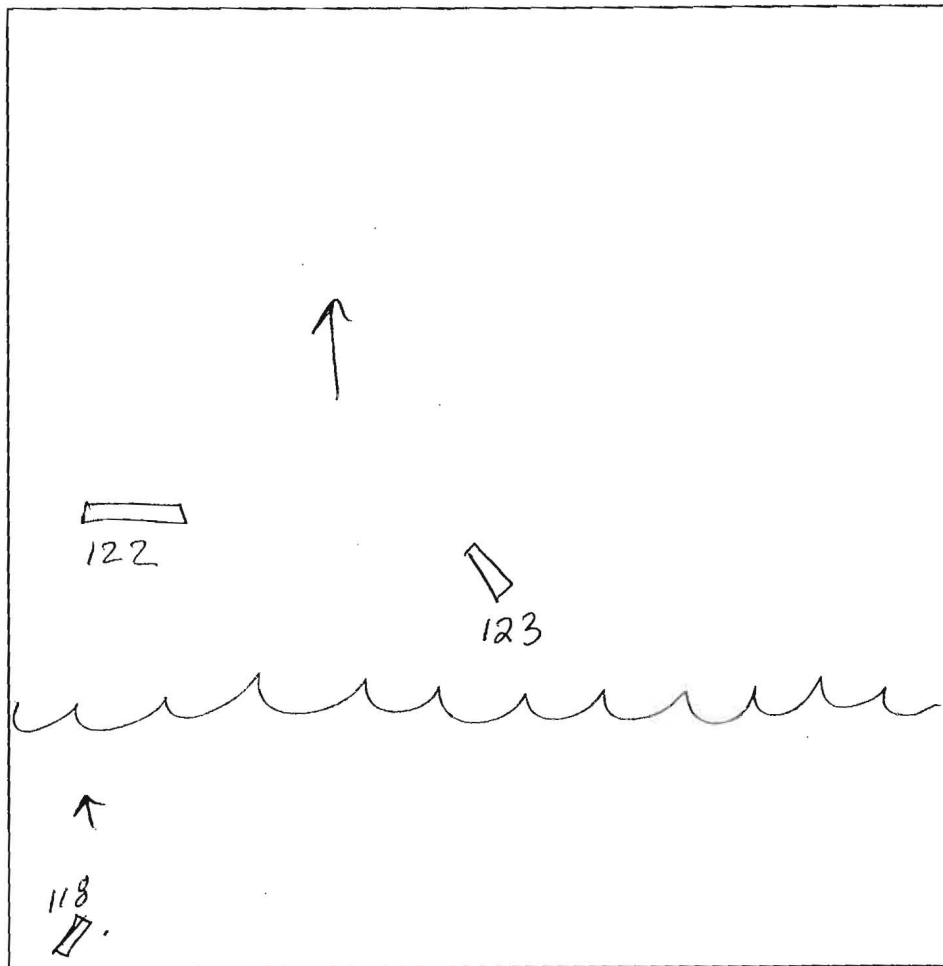
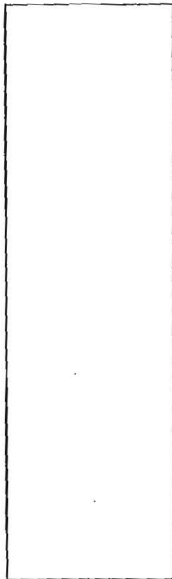
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TEST RESULTS WILL BE MAILED TO APPLICANT.

James H. [Signature]  
SIGNATURE OF APPLICANT

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3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP Lot 6



122  
dark brown  
L  
reddish yellow  
hl/sil  
1.5"  
reddish yellow  
sil sg  
micaceous  
cw  
5"  
yellow brown  
fine sil/s  
cw  
12'  
5% sepiolite

123  
dark brown  
L  
brown  
L sbk  
micaceous  
1.5"  
brown/pale red  
sil sg  
micaceous  
cw  
5% chert  
sepiolite

118  
brown L  
m  
2'  
brown  
sil m  
5% gravel  
45% otom  
micaceous  
3'  
brown  
5.5" - roots  
fine sil sg  
micaceous  
10% coarse chert  
sepiolite  
11.8"

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
2/23/06	123	5' / 11'	12:46 <sup>12</sup>	12:50 <sup>7</sup>	12:52 <sup>10</sup>	2	P
lot 5	118	6' / 11'8"	1:06 <sup>16</sup>	1:07 <sup>51</sup>	1:11	4	P
lot 5	122	12'			visual	ok	P
lot 7	124						
lot 7	125						

REMARKS Holes dug per plan  
 SANITARIAN SF BACKHOE Fogles OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME 3 SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_



# APPLICATION

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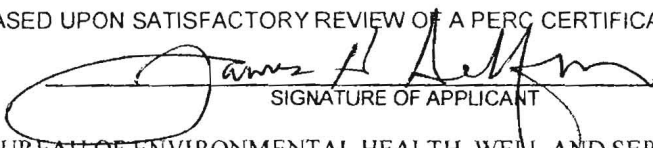
APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME 12402 LIME KILN ROAD LOT NO. 7

PROPERTY ADDRESS 12402 LIME KILN ROAD FULTON, MD. 20759  
STREET TOWN/POST OFFICE

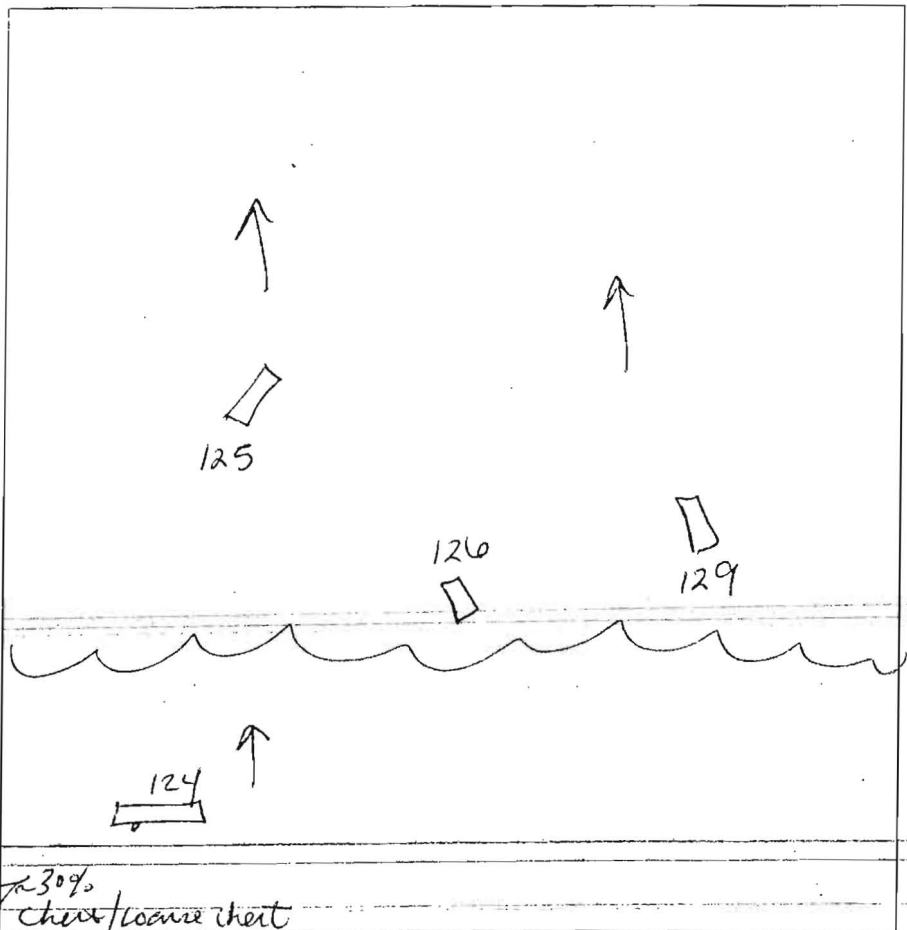
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SIGNATURE OF APPLICANT

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3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P Lot 4



124  
brown L  
yellow brown  
L/dense  
sil  
course  
micaceous  
3'  
brown  
sil sg  
micaceous  
cw  
5% chert  
course chert  
spherule  
12'

126  
26"  
brown L  
roots  
yellow brown  
dense sil  
micaceous  
2'  
yellow brown  
w/ patches  
sil  
micaceous  
4'5"  
yellow brown  
sil sg  
micaceous  
9'  
HB

125  
5"  
brown L  
brown  
fine sil/s  
roots  
6'  
cw sg.  
11'

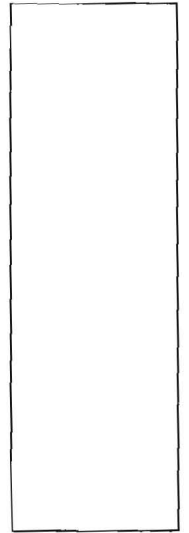
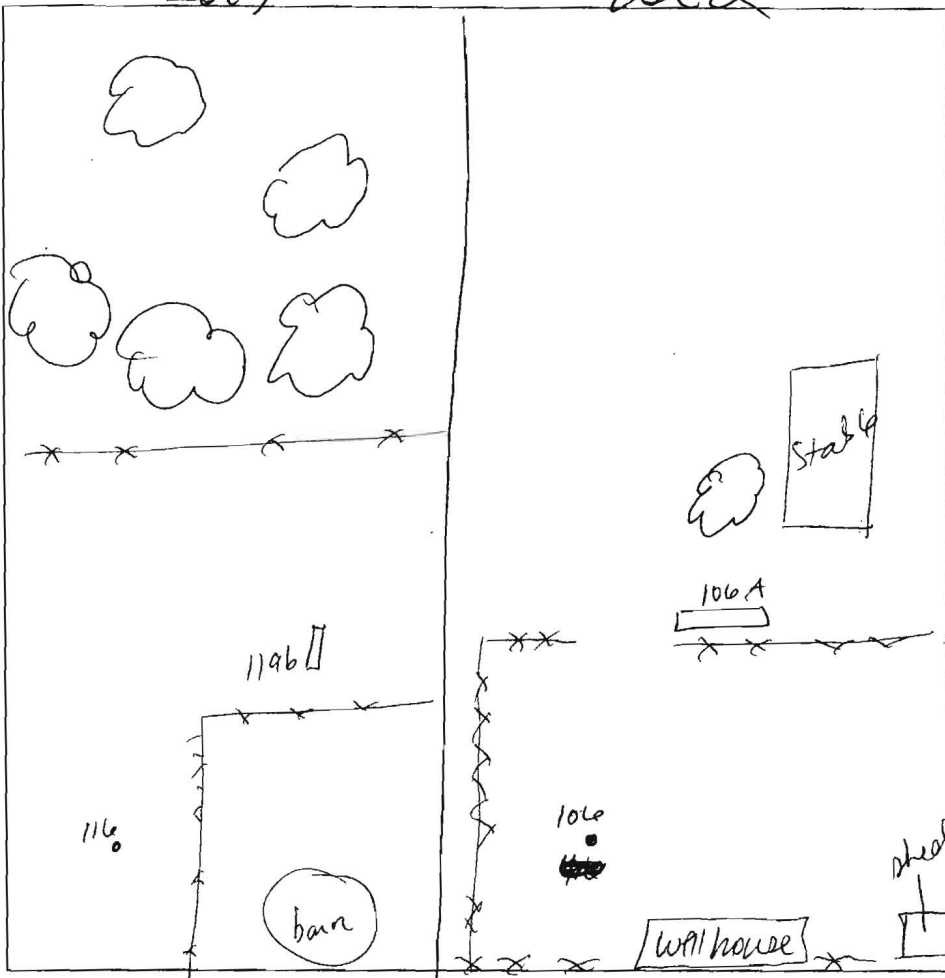
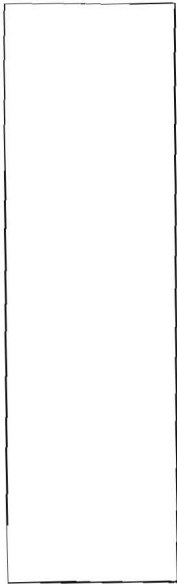
30%  
chert/loam chert

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
2/23/06	126	4'5" / 9'	12:19 <sup>36</sup>	12:22	12:24	2	P
	Lot 8	129					
	Lot 8	127					
	Lot 6	124	12'	visual	ok		P
	Lot 6	5' / 11'	12:38 <sup>54</sup>	12:40 <sup>32</sup> top fast			
			12:43	12:46	12:49	3	P

REMARKS Holes dug per plan  
 SANITARIAN SF BACKHOE Fogles OTHERS Busheesley  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME 2:5 SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Lot 4

Lot 2



1196  
brown L  
15% gravel  
1' reddish yellow  
silt m  
20-25% gravel  
6' red  
dense silt  
20-25% gravel/cobbles  
8' 25% stony  
10' pale brown  
12' silt sg

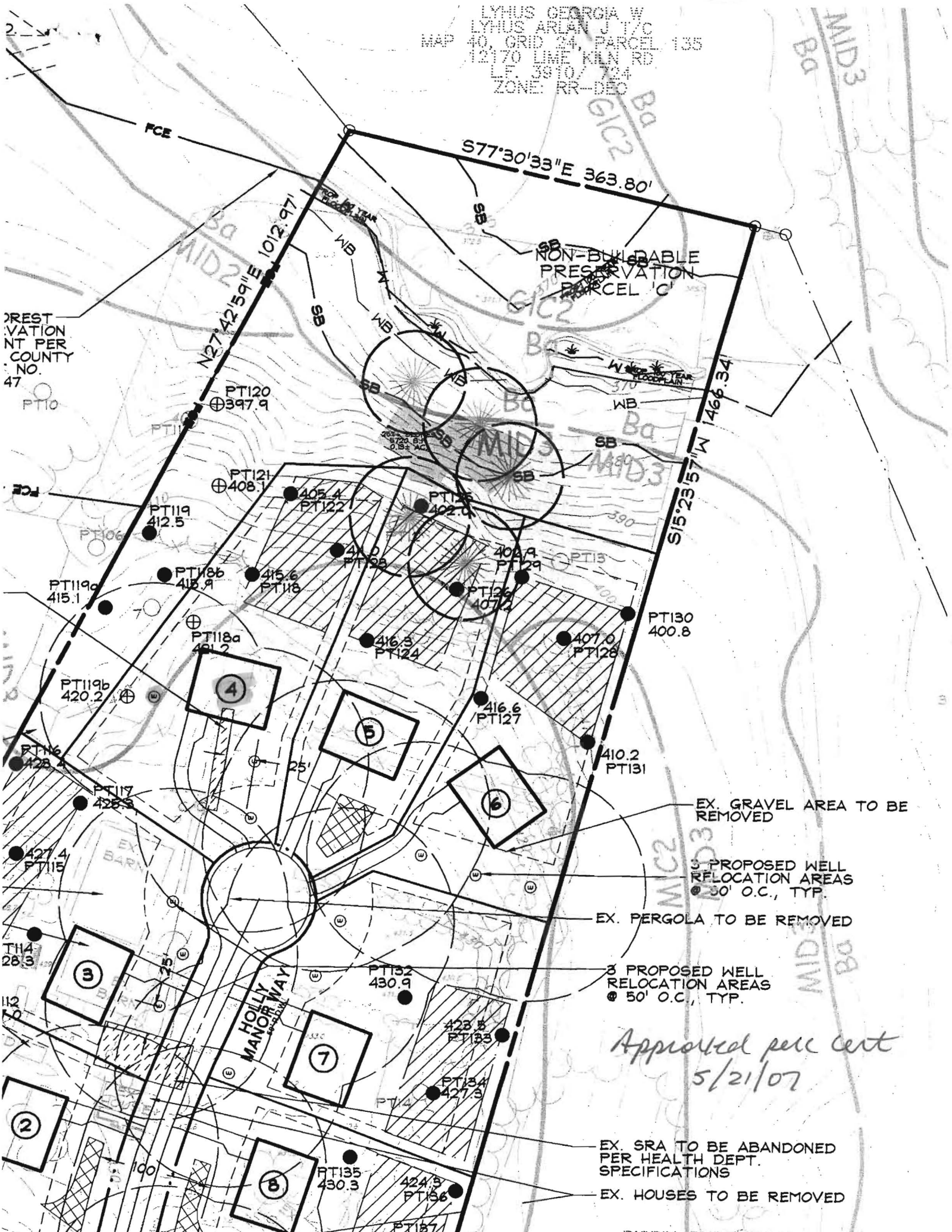
106A  
brown L  
5% gravel  
reddish yellow  
silt / dense  
silt  
right brown  
silt sg  
micaceous  
well compact  
6.5' light brown  
silt sg  
12' fine sl sg

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
6/12/06	1196	12'			rock		F
				@ 7' couldn't break thru the reef due to rock.			
	106A	5'6" / 12'	10:35 <sup>4</sup>	10:47 <sup>9</sup>	too deep		
		6'10"	11:07	11:10	11:17	7	P

REMARKS Effective area 106A @ 6'10"  
 SANITARIAN SF BACKHOE Whitworth OTHERS B. Sheeley  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

LYNUS, GEORGIA W  
LYNUS AREA J T/C  
MAP 40, GRID 24, PARCEL 135  
12170 LINE KLN RD.  
L.F. 3910/704  
ZONE: RR-DEO

REST  
VATION  
NT PER  
NT COUNTY  
NO.  
47

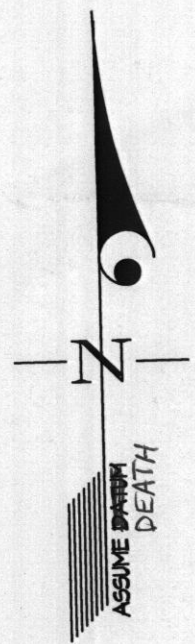


*Approved per cert  
5/21/07*

**GENERAL NOTES:**

- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- TOPOGRAPHY SHOWN IS AT TWO-FOOT CONTOUR INTERVALS (ONE-FOOT INTERVALS ARE REQUIRED FOR MOUND SYSTEMS AND SYSTEMS WITH PIPE DEPTH LESS THAN TWO FEET) AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREAS WITHIN 100 FEET OF THE PROPERTY AND THOSE WITHIN 200' DOWN GRADIENT OF EXISTING AND PROPOSED SEPTIC SYSTEM AND SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
- THE PURPOSE OF THIS REVISION IS TO ABANDON THE TWO EXISTING ALTERNATE WELLS LOCATIONS.
- THE LOT SHOWN HEREON WAS RECORDED ON PLAT NO. 20378. REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS AND PROVISIONS.

**SOIL TYPES**  
 G1B2 - GLENELG LOAM, 3 TO 8 PERCENT SLOPES  
 MIC2 - MANOR LOAM, 8 TO 15 PERCENT SLOPES  
 MID3 - MANOR LOAM, 15 TO 25 PERCENT SLOPES



- LEGEND**
- SOILS BOUNDARY
  - EXISTING WELL
  - PROPERTY LINE
  - EXISTING SEPTIC RESERVE AREA
  - TEST PIT

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

*B. Wilson for Maria Rosman* 10/22/2013  
 HEALTH OFFICER, HOWARD COUNTY HEALTH DEPARTMENT DATE  
 HB JW rgo

**PERCOLATION CERTIFICATION**

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

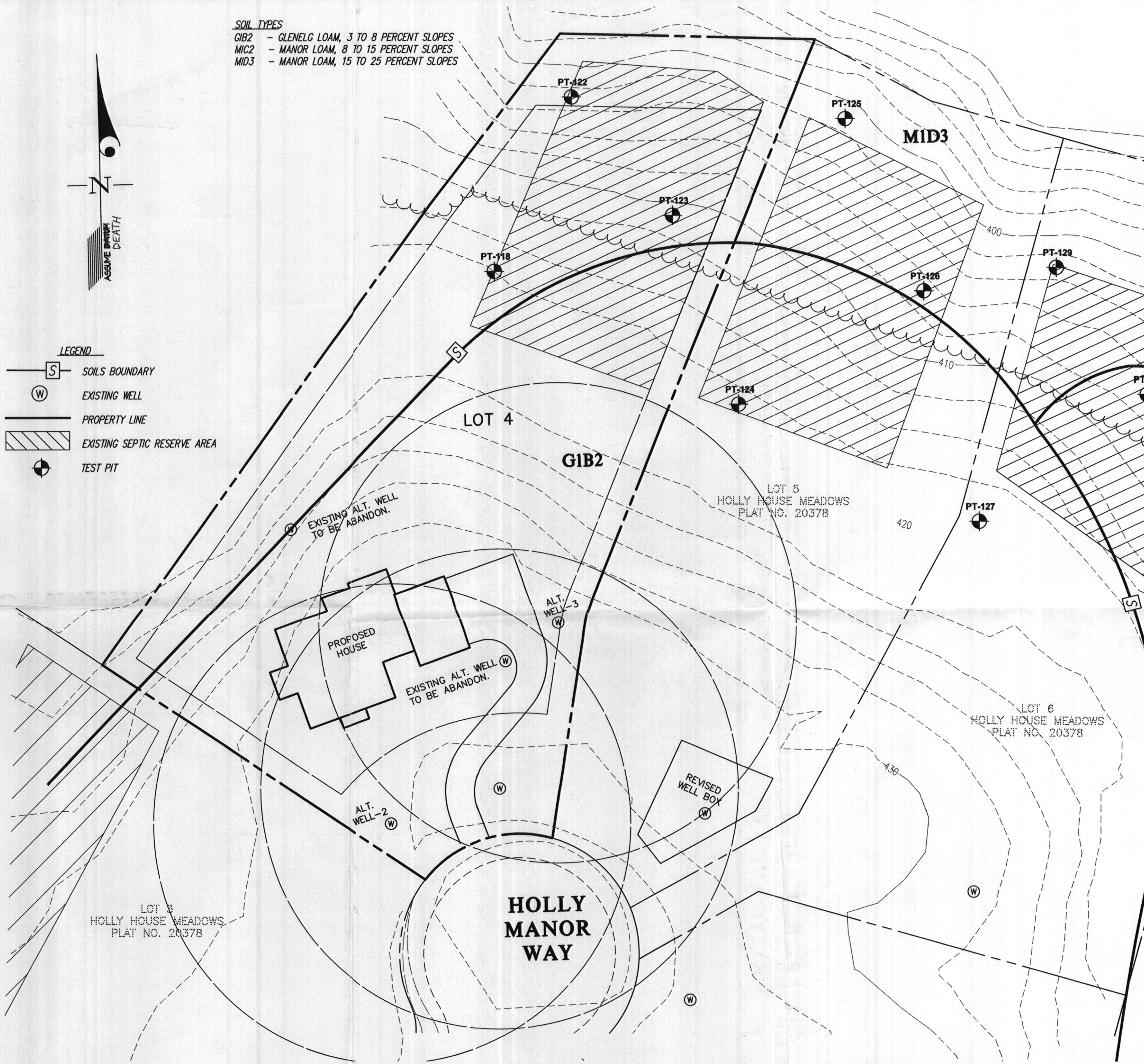
*CKG*  
 CARL K. GUTSCHICK, P.E.



10/4/13

**PROFESSIONAL CERTIFICATION**

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.: 12975, EXPIRATION DATE: MAY 26, 2014.



**GLWGUTSCHICK LITTLE & WEBER, P.A.**

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
 BURTONSVILLE, MARYLAND 20866  
 TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

**PREPARED FOR:**

MITCHELL & BEST  
 1686 EAST GUDE DRIVE  
 ROCKVILLE, MD 20850  
 PHONE: 301-762-9511

SCALE

1"=30'

DATE

OCT. 2013

ZONING

TAX MAP - GRID

45 - 6

**REVISED PERCOLATION CERTIFICATION PLAN**

**HOLLY HOUSE MEADOWS**

**LOT 4**  
**8119 HOLLY MANOR WAY**  
 PLAT NO. 20378

G. L. W. FILE No.

12058

SHEET

1 OF 1

CLARKSVILLE ELECTION DISTRICT No. 5

HOWARD COUNTY, MARYLAND