

SEPTIC REVISION

LEGEND

These standard symbols will be found in the drawing.

- EXISTING CONTOUR
- EXISTING ASPHALT DRIVEWAY
- PROPERTY BOUNDARY
- ⊕ PREVIOUS TEST SITE
- ⊕ 2006 TEST SITE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE, BELIEF AND UNDERSTANDING, THAT THIS PLAN IS CORRECT.

Jefferson D. Lawrence 10-13-06
JEFFERSON D. LAWRENCE
REGISTERED PROFESSIONAL LAND SURVEYOR
MARYLAND NO. 5216

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O'C & L

LANDS OF
LOTS 10 & 11
HAWLINGS MEADOW
LIBER 15236 FOLIO 508
TAX MAP HV31
(8TH) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

ADDRESS	MDPS COMMENTS	DATE	BY
1	ADDRESS MDPS COMMENTS	12-05	JMM
2	ADDRESS MDPS COMMENTS	1-06	JMM
3	ADDRESS MDPS COMMENTS	5-06	JVT
4	ADDRESS MDPS COMMENTS	6-06	JVT
5	ADDRESS MDPS COMMENTS	7-06	JVT
6	ADDRESS MDPS COMMENTS	10-06	JVT

DESIGN BY: JVT
DRAWN BY: JVT
CHECKED BY: JMM
DATE: 10/13/06
SCALE: 1" = 30'
PROJECT/FILE NO: 005-069
SHEET NO: 1 of 2

GENERAL NOTES
1. PROPERTY DATA
LEGAL REFERENCE: LOT 10 OF HAWLINGS MEADOW
PARCEL AREA: 2.029 ACRES
TAX MAP: GRID HV 31
ZONING: RE-2
WATERSHEDS: HAWLINGS RIVER
WSSC 200 SHEET: 229 NW 04
ADC MAP: I2-B10
WATER AND SEWER CATEGORIES: PRIVATE WELL & SEPTIC
FLOOD PLAIN: NONE PER FEMA MAP 240049 I50; DATE: JULY 2, 1979

2. EXISTING SITE DATA
PROPERTY LINES SHOWN HEREON WERE TAKEN FROM FIELD OBSERVATIONS AND AVAILABLE RECORDS.
THIS PLAN HAS BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE EXAMINATION.
HORIZONTAL DATUM SHOWN HEREON IS: MARYLAND STATE PLANE NAD 83/91
TOPOGRAPHY AND EXISTING FEAUTRES ON LOT 10 AND LOT 11 ARE SHOWN PER A FIELD SURVEY PERFORMED BY O'CONNELL & LAWRENCE, INC. EXISTING SEPTIC FEATURES ON LOT 10 AND LOT 11 ARE SHOWN PER MONTGOMERY COUNTY RECORDS.
TOPOGRAPHY AND EXISTING FEATURES SHOWN ON ADJACENT LOTS HAVE BEEN COMPILED FROM MONTGOMERY COUNTY RECORDS.
VERTICAL DATUM SHOWN HEREON IS: INFERRED
THE CONTRACTOR SHALL FIELD-VERIFY GRADES PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES.
IF DISCREPENCIES ARE NOTED BETWEEN THE EXISTING CONDITIONS AND PLANS, CONTRACTOR SHALL INFORM ENGINEER IMMEDIATELY SO THAT APPROPRIATE MODIFICATIONS CAN BE MADE. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE WITHIN ANY DRAINAGE STRUCTURE.

3. UTILITIES DATA
UTILITIES LOCATIONS SHOWN HEREON ARE TAKEN FROM AVAILABLE PLANS AND FIELD OBSERVATIONS WHERE SURFACE INDICATIONS EXIST.
A) THE CONTRACTOR SHALL HAND DIG TEST PITS AT ALL UTILITY CROSSINGS TO DETERMINE THE EXACT LOCATION AND DEPTH WELL IN ADVANCE OF CONSTRUCTION.
B) FOR MARKING LOCATIONS OF FACILITIES, PLEASE CONTACT "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
C) THE CONTRACTOR SHALL FIELD-VERIFY ACTUAL GAS LINE LOCATIONS.

4. SOILS DATA
DATA SHOWN HEREON WAS OBTAINED FROM A THE SOIL CONSERVATION SERVICE SOILS SURVEY FOR MONTGOMERY COUNTY, MARYLAND, MAP I5 AND INCLUDES:
TYPE: 4B (ELIOAK SILT LOAM, 3-8% SLOPES)

5. PROPOSED SITE DATA
BUILDING RESTRICTION LINES SHOWN HEREON WERE OBTAINED FROM THE MONTGOMERY COUNTY CODE, UNLESS OTHERWISE NOTED.
FRONT: 50'
SIDE: TOTAL 35'; ONE SIDE 17'
REAR: 35'

6. ALL PROPOSED SEPTIC FIELDS SHOWN HAVE BEEN DESIGNED TO SUPPORT GRAVITY FLOW SEPTIC SYSTEMS.

7. ALL EXISTING WELLS AND SEPTIC FIELDS WITHIN 100 FEET OF LOTS 10 & 11 ARE SHOWN.

PERCOLATION TEST SUMMARY

(From MC Health Dept. Records)

DATE	LOT	TEST SITE	AVE. TIME (MIN)	SHALLOW TEST	DEEP TEST
1985	10	E	22	6.5	15
1986	10	L	20	2.5	12
1985	10	D	9	2.5	15
2006	10	F*	N/A	N/A	N/A
2006	10	N	21	5.5	14.5
2006	10	M	24	5.5	15
2006	10	G**	N/A	N/A	N/A
2006	10	K	19	6.5	15
2006	10	O	17	3.5	13.5
2006	10	P**	N/A	N/A	N/A

* OBSERVATION SITE

** ROCK ENCOUNTERED; TEST NOT PERFORMED

WATER TABLE TESTS

(From MC Health Dept. Records)

DATE	LOT	TEST SITE	WATER TABLE INFORMATION
3/1/85	10	E	DRY @ 15'
3/1/85	10	D	DRY @ 15'
4/13/84	11	A	WATER @ 6'
4/13/84	11	B	WATER @ 4'
4/12/06	10	N	WATER @ 16.7'
4/12/06	10	H	DRY @ 17.3'

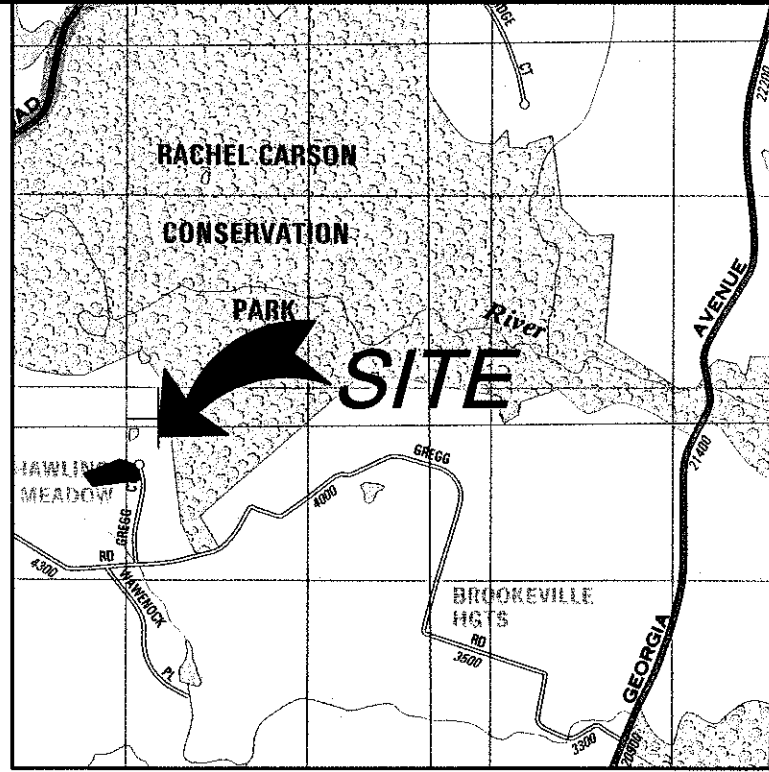
SEPTIC AREA SUMMARY TABLE

RESERVE	TRENCH LENGTH	SEPTIC RESERVE
R1	1,720 LF	21,077 SF
R2	1,700 LF	19,403 SF

SEPTIC SYSTEM DETAILS
(PROPOSED HOUSE ON LOT 10)

INVERT OUT OF HOUSE = 520.0 (CANNOT GRAVITY FLOW FROM BASEMENT)
GROUND AT TANK = 522.2
TOP OF TANK = 520.7
INVERT INTO TANK = 519.7
INVERT OUT OF TANK = 519.4
INVERT AT BEGINNING OF INITIAL TRENCH = 515.5
INITIAL TRENCH LENGTH = 240 LF (5 BEDROOM HOUSE)*
DEPTH OF STONE = 4 FEET
TANK SIZE = 1,500 GALLONS

* INITIAL TRENCH LENGTH DETERMINED FOR A 5 BEDROOM SINGLE FAMILY RESIDENCE IN ACCORDANCE WITH MONTGOMERY COUNTY REGULATIONS.



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LANDS OF
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HAWLINGS MEADOW
LIBER 15285 EQUO 808
TAX MAP HV31
(8TH) ELECTION DISTRICT
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SEPTIC REVISION

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