



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ A/P \_\_\_\_\_

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

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

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) DONALD J. MUNRO

DAYTIME PHONE (202) 879-7072 CELL — FAX —

MAILING ADDRESS 7014 HUNTINGTON ST. N.W., WASHINGTON DC 20015  
STREET CITY/TOWN STATE ZIP

APPLICANT G. SCOTT SHANABERGER, SHANABERGER & LANGE

DAYTIME PHONE (410) 461-9673 CELL — FAX (410) 461-9673

MAILING ADDRESS 8706 TOWN & COUNTRY BLDG., SUITE 201, ELICOTT CITY, MD. 21043  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME MUNRO PROPERTY, LOTS 1-4 LOT NO. 2

PROPERTY ADDRESS 8601 RESERVOIR ROAD FULTON, MD. 20759  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 45 GRID 12 PARCEL(S) 9 PROPOSED LOT SIZE 3.45 AC

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]  
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

Proposed Lot 2 - added Perc tests

AT

25

24

dk brn to grey-brn  
c. mica 0.8'  
brn sl common mica 1.2'  
yel-red gal 2 c sbk, c. mica 1'  
yel-red sl 2'  
yel-red sl common mica 3'  
yel-brn sl 4.5'  
common mica 5.8'  
H. brn ls many mica 7.5'  
brn ls, micaceous  
H. yel-red 2 upl (6% channers)  
and H. brn-yel  
stls 20%  
3 d (soft masses, Mn) 12'

House

North

well



13' dk brn to grey-brn  
2' red-brn sl heavy  
2.5' 2 sbk slight sticky  
2.5' yel-red ls  
3.2' sm, dense  
1' yel-red ls  
7' micaceous  
1.7' grey-brn chls  
micaceous 5%  
8' H. brn ls  
9.2' H. grey brn chls - 25%  
11.5' pale red  
2 grey ls  
2 cpl  
12'

26

1' dk brn to grey-brn sl  
3.5' yel-red sl 2.5' sbk  
slightly sticky  
2' yel-red gr sl  
3' yel-red sl, top  
c. mica slightly sticky  
brn sl, many mica

23

grey-brn sl  
0.5'  
yel-brn sl  
yel-brn dense  
3 d pale yellow  
yel-brn ls  
H. brn ls many mica

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2ND INCH	P/F/H
6/4/12	24	4.8 / 12'	0	1.5	4.2	2.7	P
6/4/12	25	4 / 11.5'	0	1.3	3.4	2.1	P
6/4/12	26	4.5 / 12'	12:44	12:53	1:17	24	P
	26	12'	Visual	s down wall 'ok' 5-7.5'; 1.29 pd/cst			
6/4/12	23	12'	Visual	s down wall 'ok' 5 to 7'; 1.29 pd/cst			P

7.5' brn stls  
15% stones, channers

11.5' H. grey brn ls, few channers  
11' pale yellow  
11' pale yel-red  
H. s  
c2p (Mn, soft masses)  
12.2'

REMARKS

SANITARIAN 28 BACKHOE Bill Ingram OTHERS Justin Ingram

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

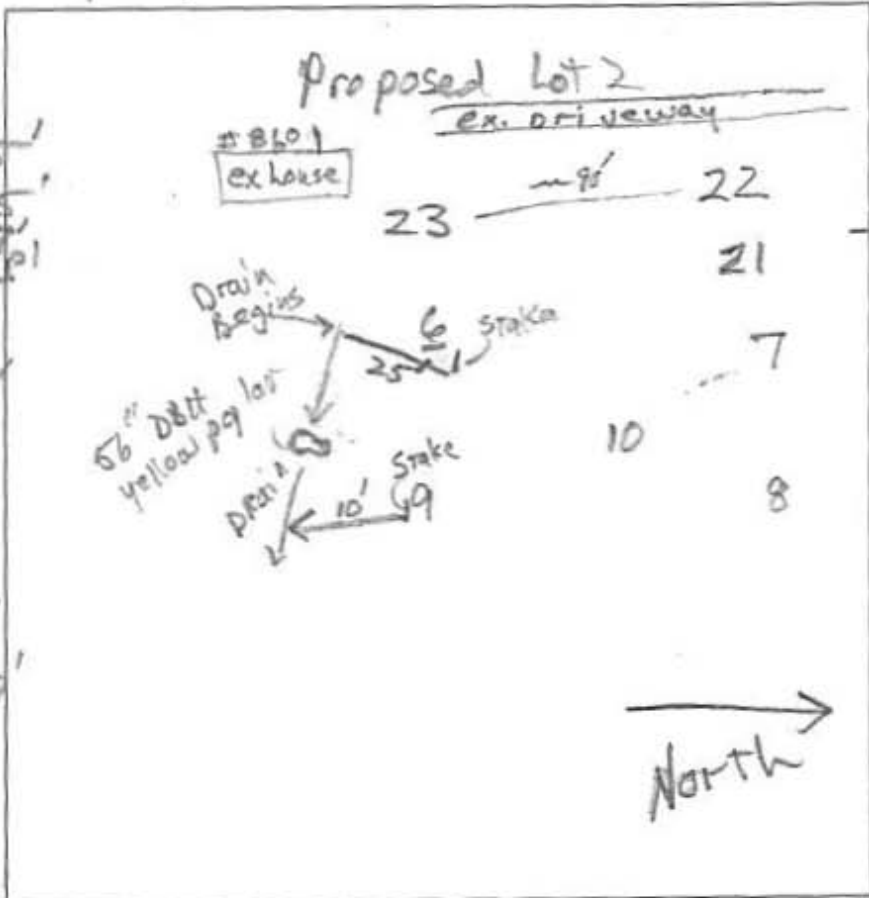
TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SAW \_\_\_\_\_

(10)  
 yel-brn scl 0.5'  
 brn loam 1.5'  
 brn sl 2.0'  
 brn ls 2.0' cpl  
 grey & brn st ls 5'  
 (8)  
 Similar to #3  
 brn vfls 3'  
 grey vfls 5'  
 4.7'

(7)  
 brn loam to yel-red loam 4.8'  
 yel-red dense 3'  
 yel-brn 1.5'  
 yel-red ls many coarse mica 4.1'  
 grey vfls 5.5'

yel-red dense ls 8'  
 grey fls 9'  
 9.5'

(21)  
 dk grey-brn red tan scl yel-brn scl 1.4'  
 yel-brn gr 1.4'  
 yel-red dense 4.7'  
 brn ls 8.5'  
 10' 10% gravel (large)  
 10' 10% gravel (large)



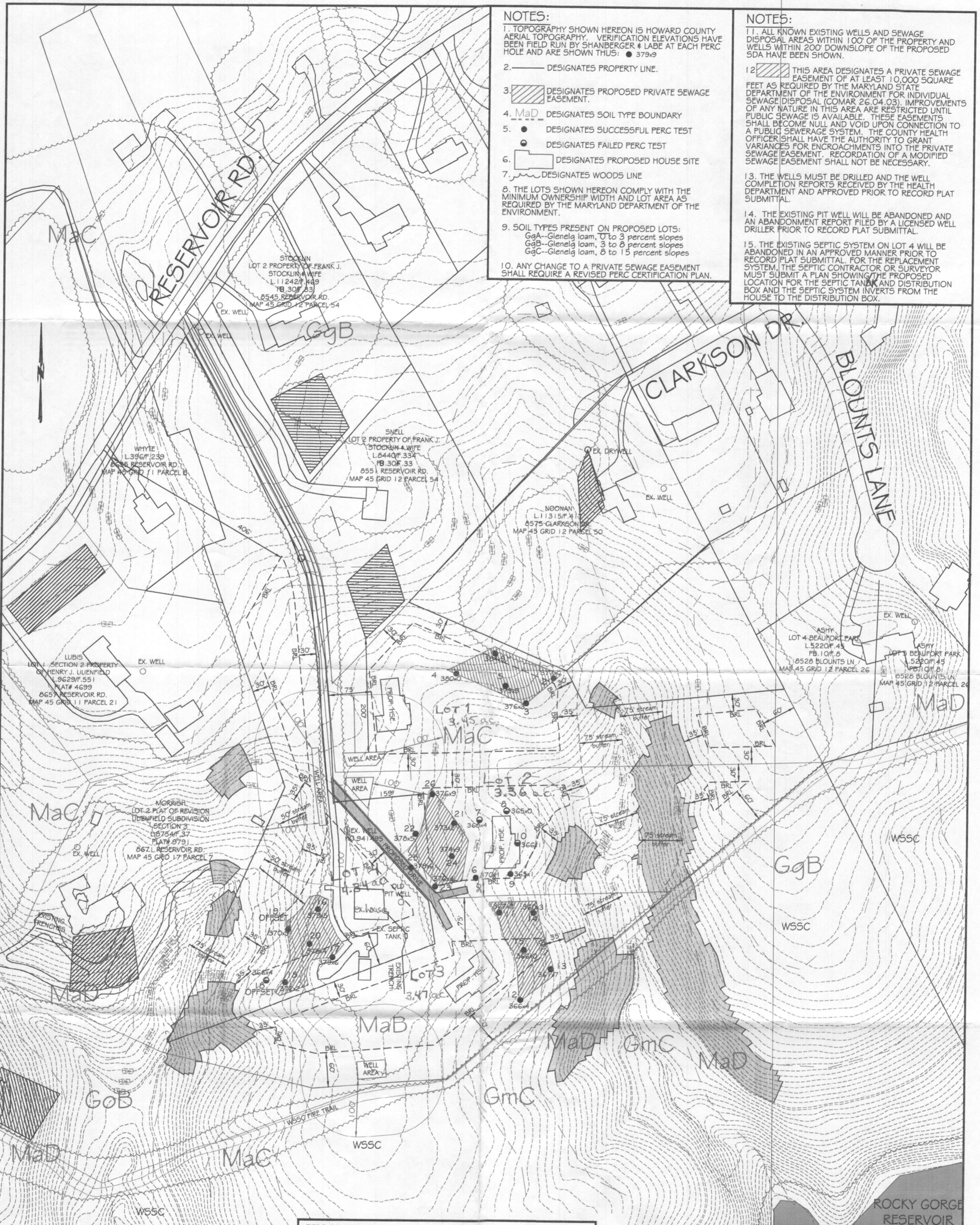
(9)  
 0.1' dk brn loam  
 0.6' yel-brn scl  
 2.1' brn gr 2.5' sink  
 3.5' brn gr 2.5' sink  
 6' brn ls  
 yel brn ls  
 f3d pale yellow  
 7' pale brn yel many Mn coats  
 15'  
 8.5' grey st ls

(6)  
 1.4' brn loam  
 2' brn ls dense  
 red, grey-brn & yel-red sl  
 7' yel-brn pale yellow ls, common Mn coats  
 11' yel-red & grey fls

(22)  
 0.6' yel-brn scl  
 2.8' brn loam  
 yel-red scl 2 cpl  
 4' brn ls  
 6' grey brn ls & yel-brn ls alternating  
 10' grey ch ls

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/31/12	10	6.7'	Visual		Refusal		F
5/31/12	8	3'	Visual		Refusal		F
5/31/12	7	5.5'	Visual		skeletal soils		F
5/31/12	9	4 1/8'	2:29	2:32	2:42	10	P
5/31/12	6	4 1/11'	2:34	2:50	3:10	20	P
5/31/12	22	10'	Visual		sidewall bk 4-6"; 12gnl/2P		P
5/31/12	21	45' 10'	3:57	4:16			reshelf
reshelf	21	6' 10'	0	1:5	4.5	3	P
5/31/12	23	12'	Visual		sidewall bk 5" to 7"; 1.2gnl/2P		P

REMARKS #9 stake ≈ 10' to Drain, unsuitable; #23 Trench Bottom may extend to 8'.  
 SANITARIAN RB BACKHOE Bill Ingram OTHERS Scott Shamburger  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



**NOTES:**

1. TOPOGRAPHY SHOWN HEREON IS HOWARD COUNTY AERIAL TOPOGRAPHY. VERIFICATION ELEVATIONS HAVE BEEN FIELD RUN BY SHANBERGER & LANE AT EACH PERC HOLE AND ARE SHOWN THUS: ● 379.9
2. ——— DESIGNATES PROPERTY LINE.
3. [Hatched Box] DESIGNATES PROPOSED PRIVATE SEWAGE EASEMENT.
4. MaD DESIGNATES SOIL TYPE BOUNDARY
5. ● DESIGNATES SUCCESSFUL PERC TEST  
○ DESIGNATES FAILED PERC TEST
6. [House Outline] DESIGNATES PROPOSED HOUSE SITE
7. [Wavy Line] DESIGNATES WOODS LINE
8. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
9. SOIL TYPES PRESENT ON PROPOSED LOTS:  
GgA--Glenelg loam, 0 to 3 percent slopes  
GgB--Glenelg loam, 3 to 8 percent slopes  
GgC--Glenelg loam, 8 to 15 percent slopes
10. ANY CHANGE TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

**NOTES:**

11. ALL KNOWN EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN.
12. [Hatched Box] THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
13. THE WELLS MUST BE DRILLED AND THE WELL COMPLETION REPORTS RECEIVED BY THE HEALTH DEPARTMENT AND APPROVED PRIOR TO RECORD PLAT SUBMITTAL.
14. THE EXISTING PIT WELL WILL BE ABANDONED AND AN ABANDONMENT REPORT FILED BY A LICENSED WELL DRILLER PRIOR TO RECORD PLAT SUBMITTAL.
15. THE EXISTING SEPTIC SYSTEM ON LOT 4 WILL BE ABANDONED IN AN APPROVED MANNER PRIOR TO RECORD PLAT SUBMITTAL. FOR THE REPLACEMENT SYSTEM, THE SEPTIC CONTRACTOR OR SURVEYOR MUST SUBMIT A PLAN SHOWING THE PROPOSED LOCATION FOR THE SEPTIC TANK AND DISTRIBUTION BOX AND THE SEPTIC SYSTEM INVERTS FROM THE HOUSE TO THE DISTRIBUTION BOX.

PERC CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON REFLECTS FIELD WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

*G. Scott Shanaberger*  
 G. SCOTT SHANBERGER  
 PROFESSIONAL LAND SURVEYOR  
 LICENSE EXPIRATION DATE 4/2/2014

**SHANBERGER & LANE**  
 8726 TOWN & COUNTRY BLVD.  
 SUITE 201  
 ELLICOTT CITY, MD 21043  
 (410) 461-9563  
 (410) 461-9693 fax  
 home@shanelane.com

PERC CERTIFICATION PLAT  
**PROPOSED LOTS 1-4**  
 PROPERTY OF DONALD MUNRO  
 TITLE DEEDS: 3704/323 AND 3835/76  
 TAX MAP 45, GRID 12, PARCEL 9 & P/O PARCEL 50  
 5TH ELECTION DISTRICT, HOWARD COUNTY, MD.  
 SCALE: 1" = 100' DATE: 6/8/2012  
 REV. 6/29/2012

APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS

*Donna J. Davis*  
 COUNTY HEALTH OFFICER  
 DATE: 7/18/12