



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP 537379

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

DATE 6-29-12

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) Charles W. Scott, Jr.

DAYTIME PHONE 410-531-5986 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 5312 Aerie Ct. Clarksville MD 21029  
STREET CITY/TOWN STATE ZIP

APPLICANT 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 Eagle Point Landing LOT NO. 6

PROPERTY ADDRESS 5312 Aerie Ct. Clarksville MD 21029  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID 15 PARCEL(S) 388 PROPOSED LOT SIZE 3.37 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.

Charles W. Scott, Jr.  
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

A/P \_\_\_\_\_

Empty rectangular box for notes or data.

Empty rectangular box for notes or data.

Empty rectangular box for notes or data.

Large empty rectangular box for main notes or data.

Empty rectangular box for notes or data.

Empty rectangular box for notes or data.

Empty rectangular box for notes or data.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

HOWARD COUNTY HEALTH DEPT.  
 BUREAU OF ENVIRONMENTAL HEALTH  
 JUN 29 2012

REMARKS \_\_\_\_\_

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

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

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

**RECEIVED**

NOT TO SCALE

AP

[2]

1' brn l

3' red brn scl lfsbk

6' red brn sl many mica

10' red brn fs l saprolite

15' red brn micaceous fs l chfs l

[1]

1.5' red brn l ksbk

3' red brn scl emsbk

5' red brn ch sl many mica

8' red brn micaceous sl

brn very micaceous fs l

[2]

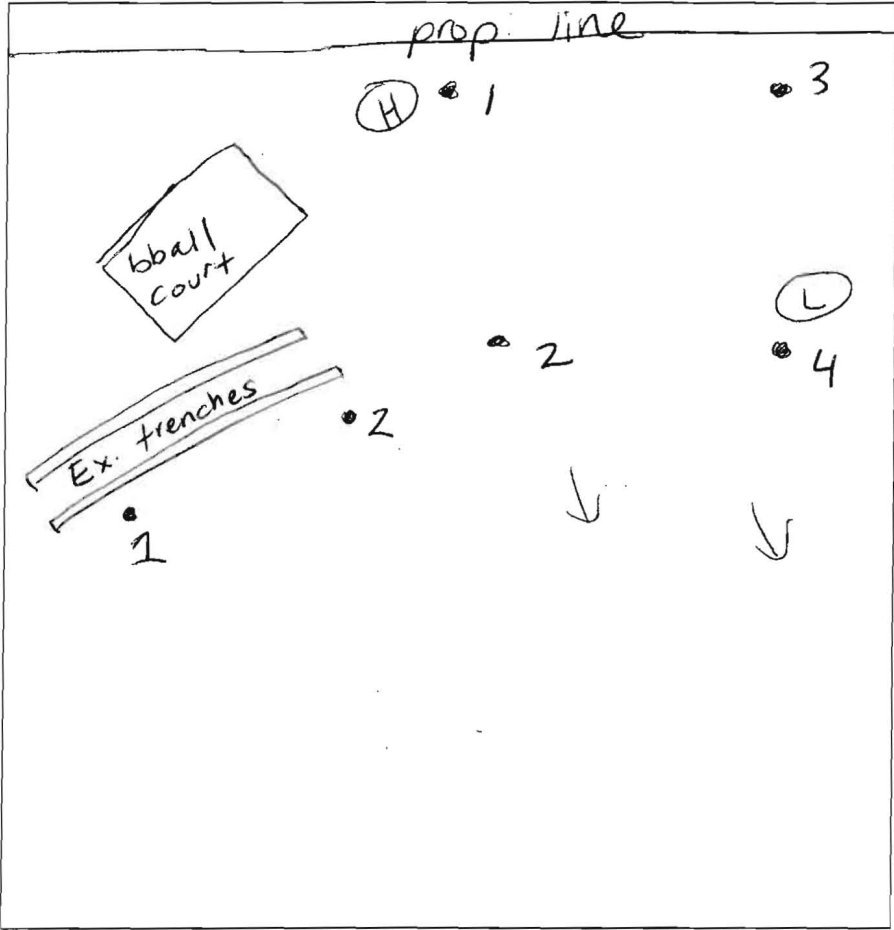
1' brn lsbk

2.5' red brn scl lfsbk

4' red brn sl saprolite

6.5' red brn micaceous sl

15' red brn micaceous sl saprolite



[1]

brn l 1'

red brn scl lmsbk 35'

red brn sl many mica 4.5'

brn sl micaceous & saprolite 8'

30% mica schist brn fs l 14.5'

[3]

brn l sbk 1'

red brn scl lfsbk 4'

red brn sl saprolite many mica 6.5'

brn fs l micaceous 10'

brn fs l micaceous schist Mn Coatings 14'

[4]

brn l 1'

brn scl lmsbk 4.5'

brn sl micaceous 6'

red brn gr sl micaceous 8'

brn fs l platy mica schist 14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7-18-12	2	5.5' / 15'	9:28	9:35	9:58	23	P
	1	15'	VISUAL				P
	2	6.5' / 15'	9:39	9:45	9:58	13	P
	1	6.4' / 14.5'	9:52	10:00	10:16	6	P
	3	6.4' / 14'	10:04	10:16	10:36	20	P
	4	6.5' / 14'	10:18	10:30	10:50	20	P

REMARKS holes dug per plan

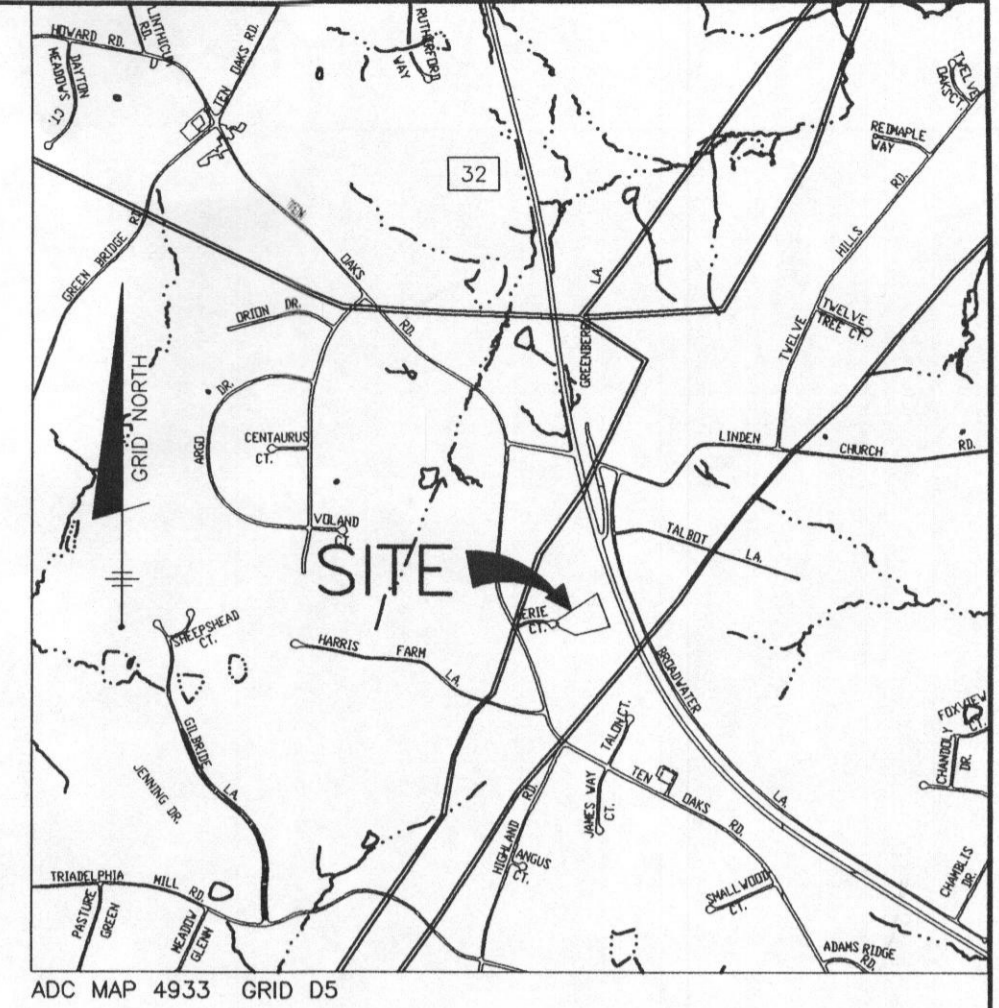
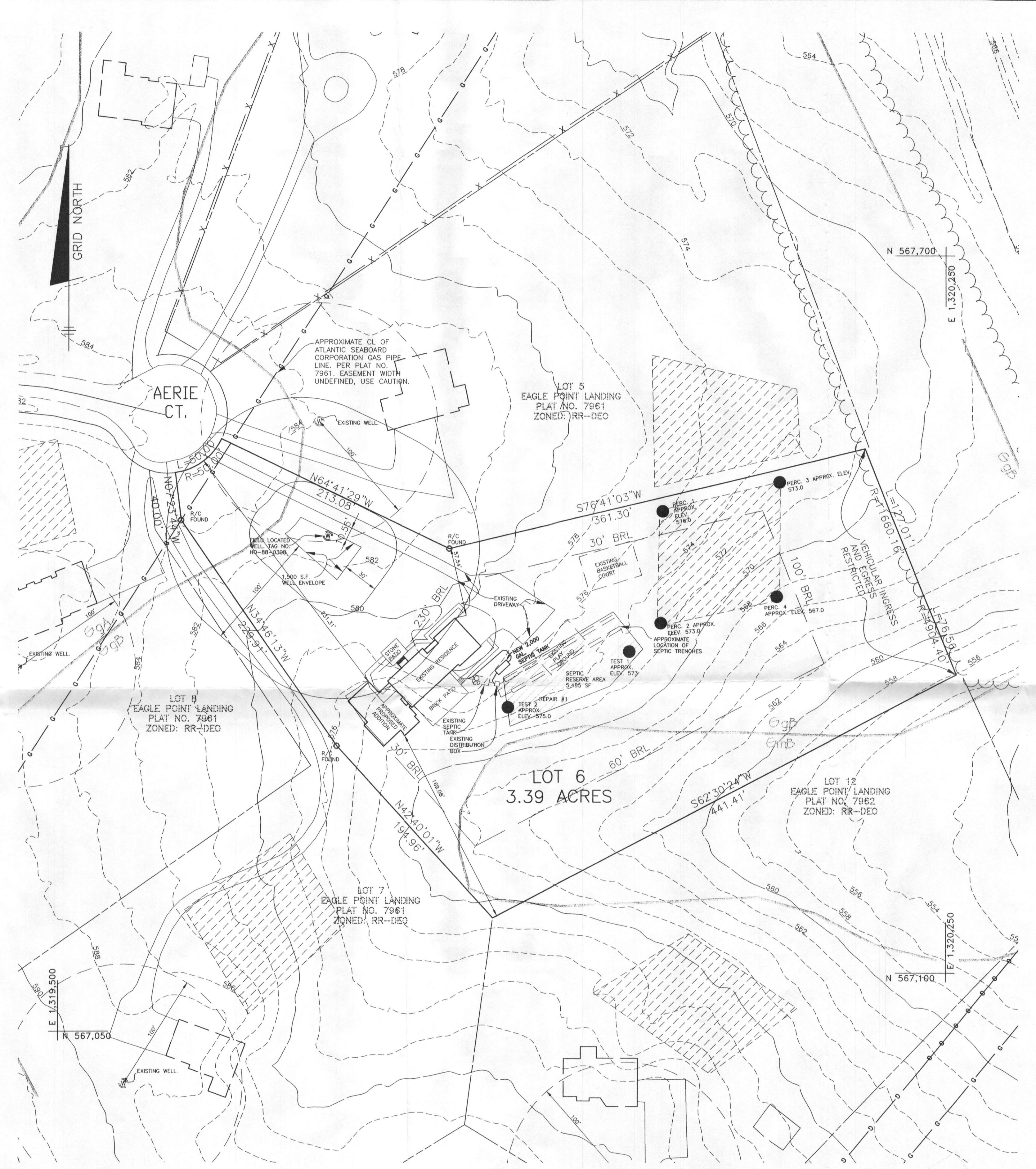
SANITARIAN HS BACKHOE Donnie OTHERS owner, Jeff

TEST HOLES USED IN SDA 4 AVG. PERC TIME 14 SQ. FT/BR

TRENCH WIDTH 2 INLET DEPTH 4 MAX. BOT DEPTH 8 EFFECTIVE S' " 2

**GENERAL NOTES**

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- THE EXISTING WELL, TAG NO. HO-88-0308, SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC., ON OR ABOUT JUNE, 2012, AND IS ACCURATELY SHOWN.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA PER PLAT 7961 AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- ANY CHANGES TO THE PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY'S BOUNDARIES EXCEPT THAT WHICH ARE SHOWN.
- EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
- TOPOGRAPHY SHOWN ON THIS LOT IS PER HOWARD COUNTY GIS.
- STORMWATER MANAGEMENT FOR THIS ADDITION IS NOT REQUIRED AS DISTURBANCE WILL REMAIN UNDER 5,000 SQUARE FEET.
- PER PLAT NO. 7961 THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE AREA BELOW TESTS 1 AND 2 IS FOR THE INITIAL REPAIR OF THIS SYSTEM. OTHER FUTURE REPAIRS WILL TAKE PLACE IN THE PLATTED SEPTIC RESERVE AREA.
- THE EXISTING SEPTIC TANK WILL NEED TO BE REPLACED. A NEW 2,000 GALLON, TWO COMPARTMENT, TOP SEAM TANK WILL BE REQUIRED AT THE LOCATION SHOWN ON THE BUILDING PERMIT PLAN AND/OR MADE A CONDITION OF THE PERMIT ISSUANCE.



VICINITY MAP  
SCALE: 1" = 2000'

**LEGEND**

- EXISTING CONTOURS
- EXISTING TREELINE
- LIMIT OF SUBMISSION
- PROPOSED SEPTIC AREA
- EXISTING SEPTIC AREA
- PASSING TEST HOLE (7/12)
- SOILS DELINEATION
- EX. WELL

N41°51'10"E  
300.00'

NOTE: OWNER AND CONTRACTOR SHALL CONTACT ATLANTIC SEABOARD, OR CURRENT MANAGING ENTITY, FOR REQUIREMENTS FOR CROSSING EASEMENT AREA AND ALSO TO USE CAUTION WHEN WORKING IN THE AREA OF THE UTILITY.

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

*John Carney* 7-20-12  
PLAN PREPARER  
JOHN CARNEY  
FOR BENCHMARK ENGINEERING, INC.

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

*Peter Bieleman* 8/12/12  
HOWARD COUNTY HEALTH OFFICER  
DATE

**BENCHMARK ENGINEERING, INC.**  
ENGINEERS • LAND SURVEYORS • PLANNERS

8480 BALTIMORE NATIONAL PIKE • SUITE 418  
ELLICOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 • FAX: 410-465-6644  
WWW.BEI-CIVLENGINEERING.COM

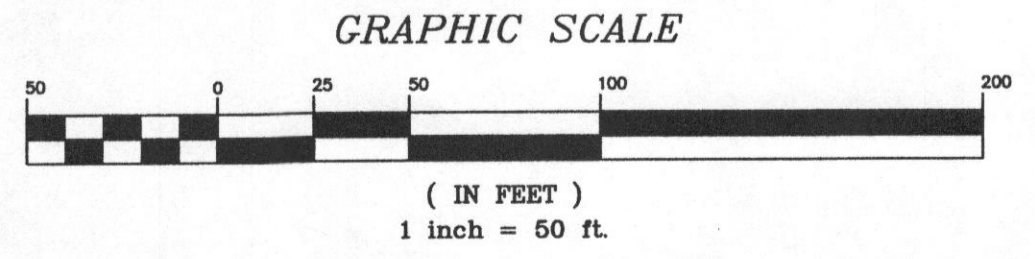
OWNER: CHARLES W. SCOTT JR.  
5312 AERIE COURT  
CLARKSVILLE, MARYLAND  
21029-1103  
410-531-5986

LOCATION: TAX MAP: 28, GRID: 15  
PARCEL: 388  
ELECTION DISTRICT NO. 5  
HOWARD COUNTY, MARYLAND

TITLE: PERCOLATION CERTIFICATION PLAN  
A#537379

DATE: JULY, 2012 BEI PROJ. NO. 2505

DESIGN: JC DRAFT: EDD CHECK: JC SCALE: 1" = 50' SHEET 1 OF 1



SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND PAGE

SYMBOL	HYDRIC	HYDROLOGIC GROUP	ALTERNATE GROUP	NAME
GgA		B		GLENELG LOAM, 0 TO 3 PERCENT SLOPES
GgB		B		GLENELG LOAM, 3 TO 8 PERCENT SLOPES
Gmb*	YES	C		GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES
UaF				UDORTHERTS, HIGHWAY, 0 TO 65 PERCENT

PLAN  
SCALE: 1" = 50'