



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P 531933
 AGENCY REVIEW: _____ DATE 9-25-09

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 6 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 Patrick

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 11661 Farside Road Ellicott City MD 21042-1531
STREET CITY/TOWN STATE ZIP

APPLICANT GTC Group

DAYTIME PHONE 410-840-0800 CELL _____ FAX _____

MAILING ADDRESS 611 Nursery Road Westminster MD 21157
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Farside Lot 2 LOT NO. 2

PROPERTY ADDRESS 11661 Farside Road
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 23 GRID 21 PARCEL(S) 126 PROPOSED LOT SIZE 3.3 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. GTC Group Ltd
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

RECEIVED
OSWALD COUNTY HEALTH DEPT
ENVIRONMENTAL HEALTH
2009 SEP 25 PM 1:45

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

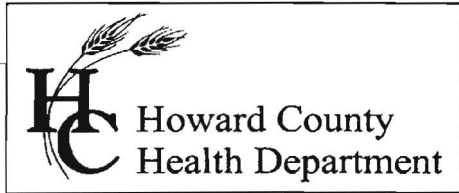
REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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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Bureau of Environmental Health
7178 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

Date: October 19th, 2009
To: John Carney, Benchmark Engineering
From: Heidi Scott
Development Coordination Section
Well & Septic Program
RE: PERCOLATION TEST RESULTS A#531933
11661 Farside Rd

Percolation testing was conducted at the above referenced property on October 14th, 2009. Results indicate satisfactory soil conditions for onsite wastewater disposal. All 5 test hole locations passed with adequate perc rates or visual soil observations.

It was confirmed that the existing septic system is functioning properly. The current septic tank capacity (1,500 gal.) must be increased to 2,000 gallons due to the increase in the amount of living space. The current amount of trench is enough to support the existing and proposed property use. It was also noted during perc testing that the existing well has a loose cap. This department recommends that the well cap is secured and tightened to prevent potential contamination of the water supply.

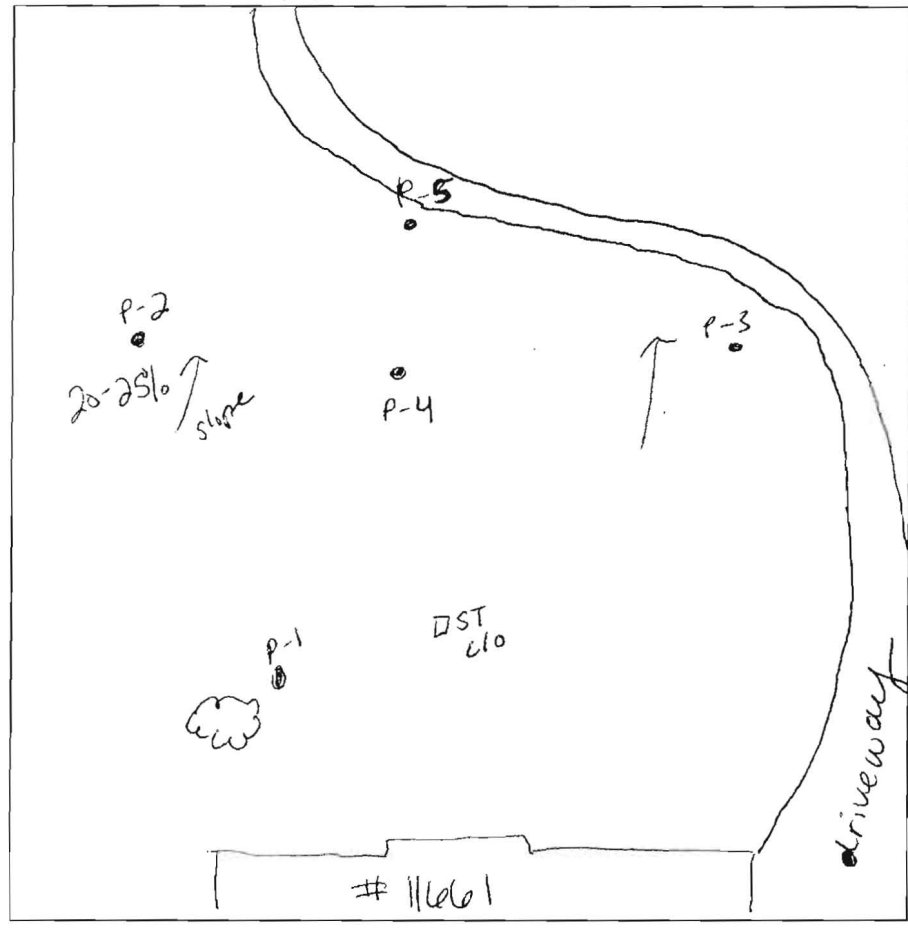
Field data collected is shown on the Percolation Test Worksheets enclosed with this letter. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall have been provided, and may be confirmed at the time of installation.

Further review of this project is contingent upon submission of a Percolation Certification Plan. Items to be addressed on this plan are enclosed. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at (410) 313-6287.

Cc:
Donald Patrick, homeowner
File

AP 531933

Farside Rd



P-1
 4' yellow brn s.l.
 4.5' ch brn s.l. few boulders & flags
 7.5' yellow brn ch s.l. 10% flaggy boulders
 11' st brn f.s.l.
 12' vch s.l. / ls

P-2
 1' dk brn st l.
 3' dk brn st s.l.
 3' red brn ch f.s.l.
 6.5' tan f.s.l. & saprolite
 ↓
 11.8' gray ls
 f.l.s.

P-3
 .5' brn l.
 3.5' yellow brn ch s.l.
 yellow brn s.l.
 7.5' tan v.f.s.l. saprolite
 ↓
 12' gray ls

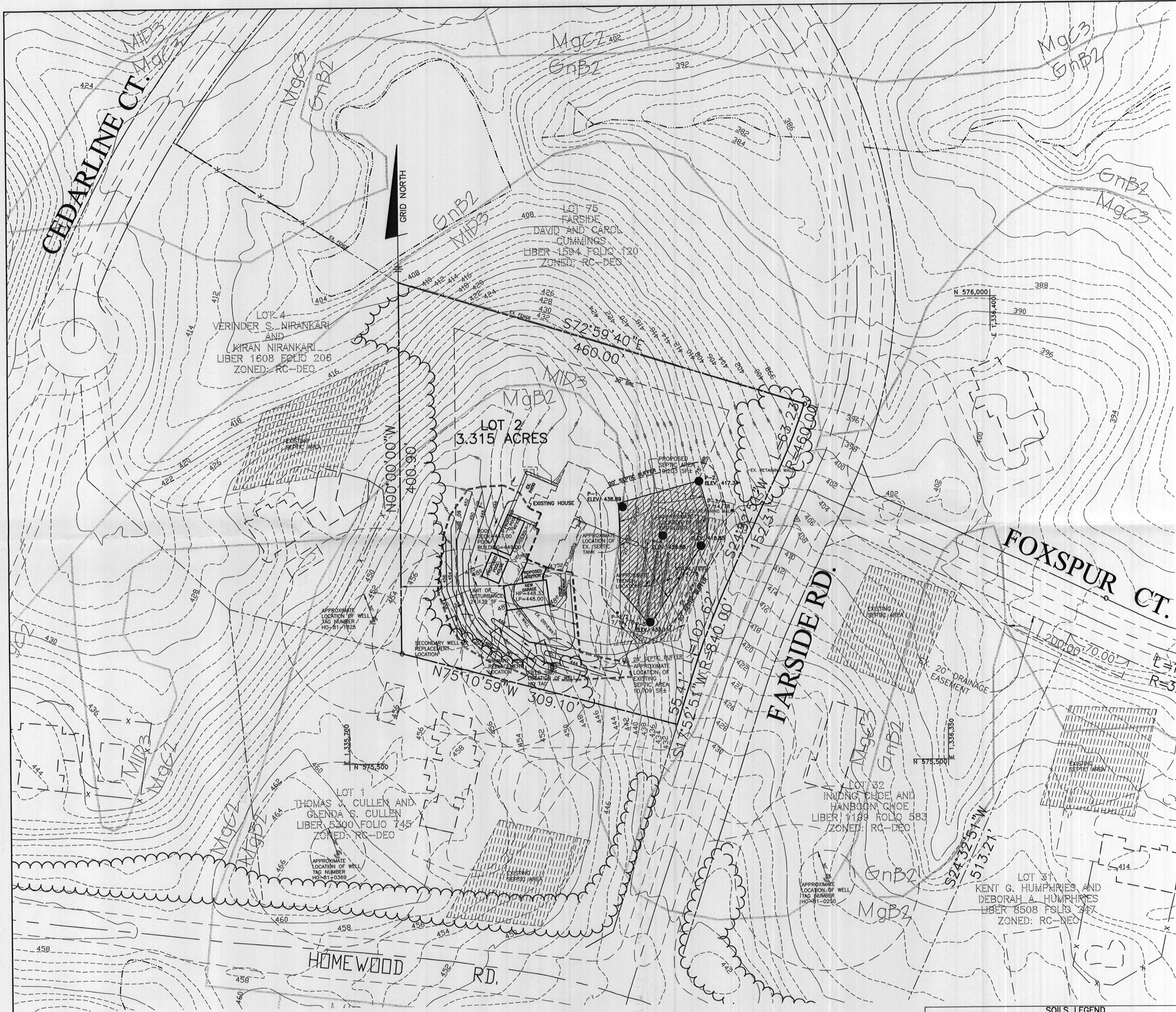
P-4
 .5' brn st l.
 4' org brn st s.l.
 7' brn s.l. 35% flags
 ↓
 11.5' st brn f.s.l. 30% channels
 brn f.s.l.

P-5
 .5' brn l.
 3' red brn s.l. ls brk
 8' yellow brn s.l. saprolite
 tan v.f.s.l. saprolite (similar to P-3)
 10' gray ls
 12'

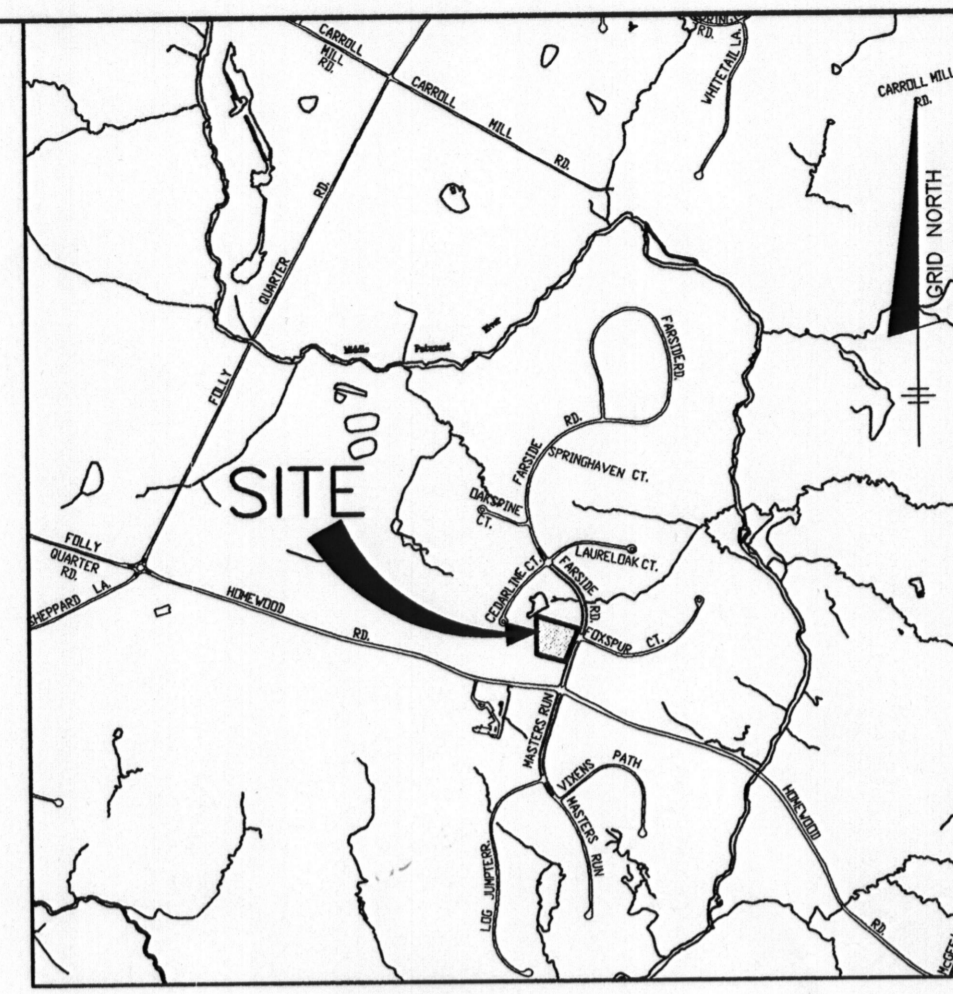
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10-14-09	P-1	5' / 12'	9:37	9:48	10:03	15	P
	P-2	6' / 11.8'	9:58	9:59 ^{2v}	10:01 ⁴²	2	P
	P-3	6' / 12'	11:14	11:15	11:18	3	P
	P-4	11.5'	V I S U A L				OK
	P-5	5.5' / 12'	10:48	10:53	11:03	10	P

REMARKS upper 2' in P-1 & P-2 rocky, good below, soft / well cap loose

SANITARIAN HS BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA 5 AVG. PERC TIME 7.5 SQ. FT/BR _____
 TRENCH WIDTH 3 INLET DEPTH 4 MAX. BOT DEPTH 7.5' EFFECTIVE SW 2-2.5



- LEGEND**
- EXISTING CONTOURS
 - EXISTING TREELINE
 - LIMIT OF SUBMISSION
 - PROPOSED SEPTIC AREA
 - EXISTING SEPTIC AREA
 - SOILS DELINEATION
 - EXISTING WELL
 - REPLACEMENT WELL LOCATION
 - TEST HOLE (4-17-87)
 - PASSED TEST HOLE



ADC MAP 10 GRID J13
VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES

- 1.) THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT. SEE THE RECORD PLAT FORM FURTHER INFORMATION.
- 2.) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 S.F. 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 SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER 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 REQUIRED.
- 3.) EXISTING SEPTIC TANK TO BE UPGRADED PRIOR TO BUILDING PERMIT APPROVAL.
- 4.) TOPOGRAPHY SHOWN IS BASED ON FIELD RUN TOPOGRAPHY BY BENCHMARK ENGINEERING, INC., DATED AUGUST, 2009, AND IS ACCURATELY SHOWN.
- 5.) EXISTING WELLS, SEPTIC SYSTEMS, AND SEWER DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWER DISPOSAL AREAS HAVE BEEN SHOWN.
- 6.) THE PURPOSE FOR THIS PERCOLATION TESTING PLAN IS TO CREATE A SEWER DISPOSAL EASEMENT IN SUPPORT OF A BUILDING PERMIT APPLICATION AND TO ESTABLISH TWO WELL REPLACEMENT LOCATIONS.
- 7.) THE EXISTING WELL (NO TAG) SHOWN ON THIS PLAN HAS BEEN LOCATED BY BENCHMARK ENGINEERING INC.
- 8.) ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

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 KNOWLEDGE AND BELIEF.

John Carney 10/20/09
JOHN CARNEY FOR BENCHMARK ENGINEERING INC.
PLAN PREPARER

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

Michael J. Quinn 10/30/09
HOWARD COUNTY HEALTH OFFICER DATE

BENCHMARK ENGINEERS & LAND SURVEYORS & PLANNERS
ENGINEERING, INC.

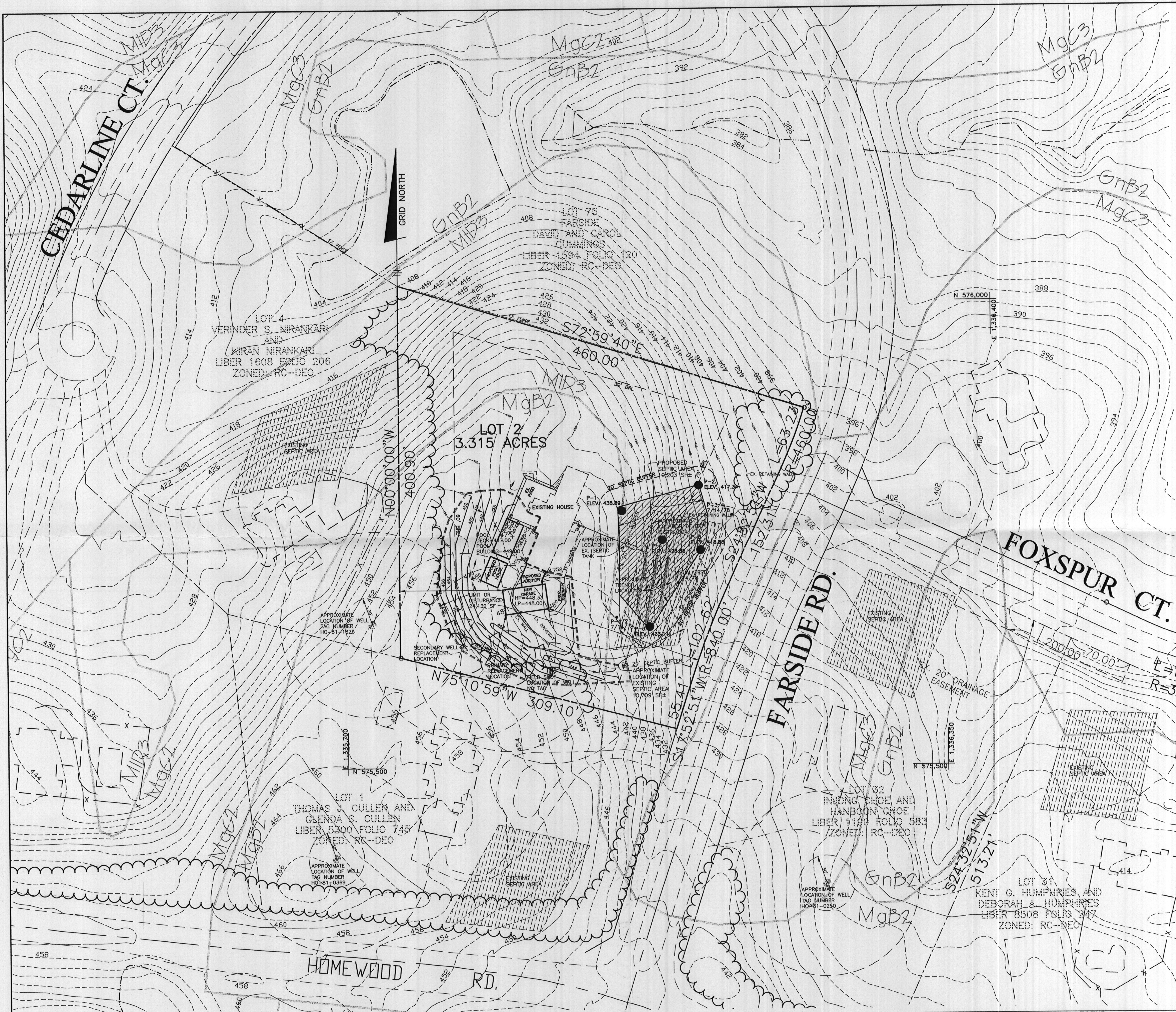
8480 BALTIMORE NATIONAL PIKE & SUITE 418
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 & FAX: 410-465-6644
WWW.BEI-CVLENGINEERING.COM

OWNER:		FARSIDE LOT 2 A#531933	
DONALD PATRICK 11661 FARSIDE RD ELLCOTT CITY, MARYLAND 21042		LOCATION:	TAX MAP: 23 GRID: 21 PARCEL: 126 ELECTION DISTRICT NO. 3 HOWARD COUNTY, MARYLAND
TITLE: PERCOLATION CERTIFICATION PLAN			
DATE:	OCTOBER, 2009	BEI PROJ. NO.	2267
DESIGN:	DAM	DRAFT:	HP
CHECK:	DAM	SCALE:	1" = 50'
		SHEET	1 OF 1

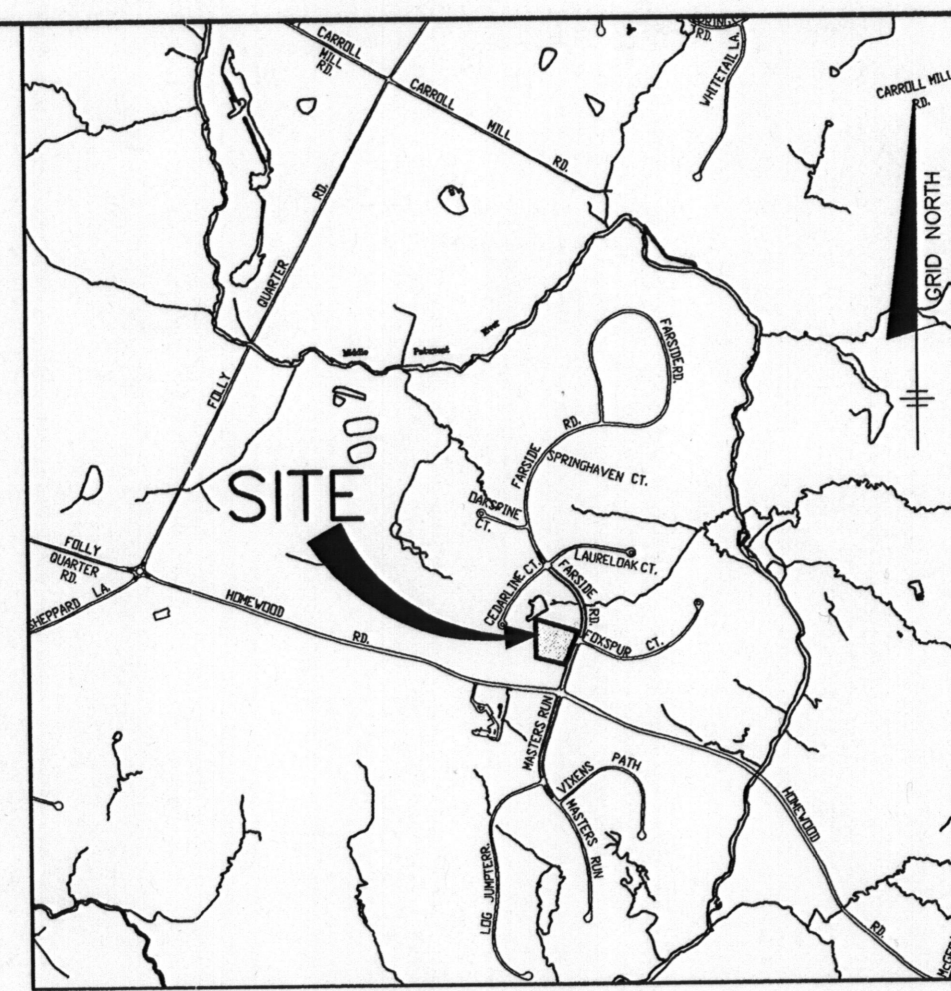
SOILS LEGEND	
MAP SYMBOL	SOIL TYPE
MgB2	B MANOR GRAVELLY LOAM, 3 TO 8 PERCENT, MODERATELY REDDED
MID3	B MANOR LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED

* INDICATES HYDRIC SOILS
TAKEN FROM SOILS SURVEY, ISSUED JULY 1968, MAP NO. 25

PLAN
SCALE: 1" = 50'



- LEGEND**
- EXISTING CONTOURS
 - EXISTING TREELINE
 - LIMIT OF SUBMISSION
 - PROPOSED SEPTIC AREA
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PLAN PREPARER

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

Michael J. Davis 10/30/09
HOWARD COUNTY HEALTH OFFICER DATE

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ELLCOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644
WWW.BEI-CVLENGINEERING.COM

OWNER: DONALD PATRICK 11661 FARFIDE RD ELLCOTT CITY, MARYLAND 21042	FARFIDE LOT 2 A#531933 LOCATION: TAX MAP: 23 GRID: 21 PARCEL: 128 ELECTION DISTRICT NO. 3 HOWARD COUNTY, MARYLAND
TITLE: PERCOLATION CERTIFICATION PLAN	DATE: OCTOBER, 2009 BEI PROJ. NO. 2267
DESIGN: DAM DRAFT: HP CHECK: DAM	SCALE: 1" = 50' SHEET 1 OF 1

SOILS LEGEND

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