

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

APR 24/88

AGENCY REVIEW: _____

DATE 3/7/06

04-323394

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 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) EUGENE B. MOORE JR. & JANET M. MOORE FAMILY TRUST

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 13205 ROUTE 144 WEST FRIENDSHIP MD 21794
STREET CITY/TOWN STATE ZIP

APPLICANT James R. Moxley, III

DAYTIME PHONE 410-465-4244 CELL - FAX 410-750-1947

MAILING ADDRESS P.O. Box 417 Ellicott City md. 21041
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Moore Property - Lots 5 & 6; Resubdivision of Lot 3 proposed LOT NO. 36

PROPERTY ADDRESS 3351 SE ROUTE 97 GLENWOOD MD 21738
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 21 GRID 10 PARCEL(S) 140 PROPOSED LOT SIZE 3 ac (Approx.)

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.

James R. Moxley, III
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 _____

P-7

Brown L	1'
Red/Orange Brown Silt	5'
Yellow/Brown Micas Sil w/ trace Rock	9'
H ₂ O	13'

P-8

Brown L	1'
Yellow/Orange Silt	6'
Red/Pink Sl w/ trace Rock	11'
H ₂ O	13'

all holes dig per plan

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/7/06	D7	5' 13'	9:19	Polled @	9:40	Stop	F
	P8	6' 13'	9:27	9:34	9:42	8min	P

REMARKS _____

SANITARIAN KJB BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

A/P

R-1

Black
1
Brown/Yellow heavy Sil
3
Red/Purple micars SC w/ trace Red
13

P-2

Brown L
1'
Orange/Brown Sil
3 1/2'
Yellow/Brown Sil w/ 5-10% platy Sngolite
10
H₂O
↓
11'

P-3

Brown L
1'
Red/Orange Sil
3
Red/Yellow Brown Sil
8
H₂O
12'

all holes dig per plan

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/7/00	P1	6 / 13	8:41	8:44	8:50	6mw	P
	P2	4 / 11	8:55	9:00	9:06	6mw	P
	P3	3 / 12	8:24	8:38	9:08	30mw	P
	P4	6 / 13	8:19	8:33	8:55	22mw	P
	P5	4 / 12	8:37	8:43	8:51	8mw	P
	P6	5 / 13	9:16	9:24	9:34	10mw	P

P-4
Brown L
1'
Red/Orange Sil
3 1/2'
Yellow/Brown Sil w/ trace Red
11'
H₂O
13

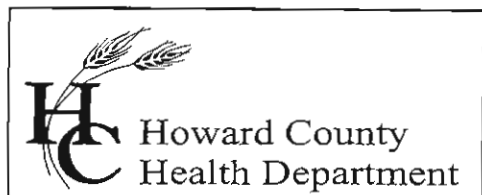
P-5

Brown L
1'
Red/Orange heavy Sil
4
Red/Orange Sil w/ trace Red
10
H₂O
12

P-6

Brown L
1'
Orange/Brown Sil
5
Red/Orange Brown Sil
9
Red/Brown Sil w/ H₂O
13

REMARKS _____
 SANITARIAN KSB BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 14 SQ. FT/BR 210
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



Bureau of Environmental Health
7178 Columbia 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

Penny E. Borenstein, M.D., M.P.H., Health Officer

April 7, 2006

Mr. Moore Jr.
13205 Route 144
West Friendship MD, 21794

To Whom It May Concern:

Percolation testing conducted April 7, 2006 on the referenced property indicated both satisfactory and unsatisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

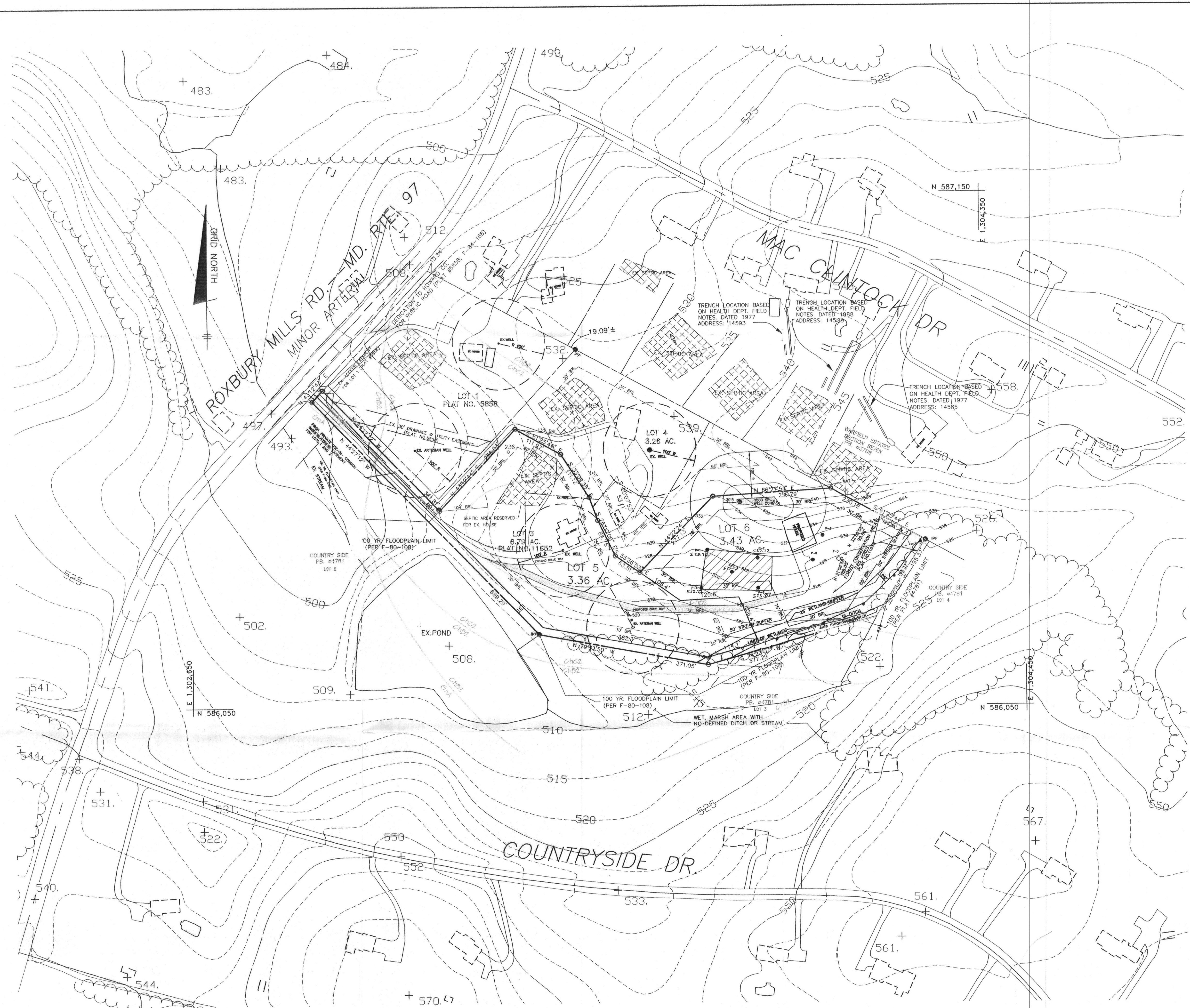
- 1) Actual locations and elevations of all excavated test holes
- 2) Suitable house locations
- 3) The existing sewage disposal area on the property
- 4) Locations of any other relevant features such as streams, swales, or existing structures
- 5) A note must be included certifying that all existing wells and septic systems within 100 feet of Property boundaries have been shown
- 6) A note indicating that depicted topography reflects field-matched information
- 7) A health officer signature block stating "approved for private water and private sewer systems"
- 8) A MDE sewage disposal area statement is required

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Sincerely,

Kevin J. Bell
Water and Septic Program

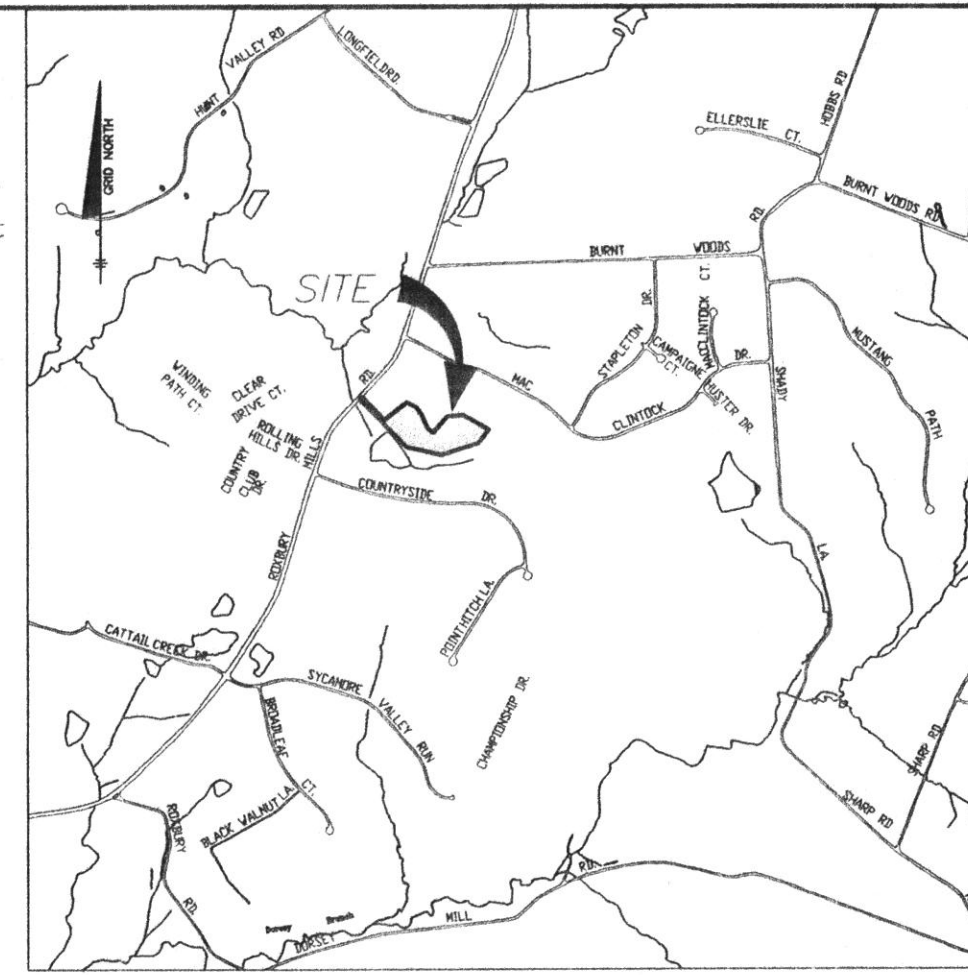
KB
Enclosures
cc: Benchmark
File



PLAN VIEW
SCALE: 1" = 100'

LEGEND

- SOIL CLASSIFICATION
- SOILS DELINEATION
- EXISTING CONTOURS (HOWARD COUNTY DIGITAL)
- LIMIT OF WETLANDS
- EXISTING WOODS LINE
- PROPOSED WOODS LINE
- EXISTING STRUCTURE
- PROPOSED STRUCTURE
- EXISTING WELL
- FIELD SHOT
- EXISTING SEPTIC FIELD
- PROPOSED SEPTIC FIELD
- FIELD PERCOLATION TEST APRIL 7, 2006
- FIELD PERCOLATION TEST APRIL 7, 2006
- PROPOSED WELL
- 1500 S.F. WELL ZONE



GENERAL NOTES

- 1.) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 2.) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 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 MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE REQUIRED.
- 3.) TOPOGRAPHY SHOWN HEREON IS BASED ON INFORMATION PURCHASED FROM HOWARD COUNTY GEOGRAPHICAL INFORMATION SYSTEMS AND INTERPOLATED AT 2' CONTOUR INTERVALS.
- 4.) WELLS SHALL BE DRILLED PRIOR TO RECORDATION OF THE SUBDIVISION PLAT. IT IS THE DEVELOPERS RESPONSIBILITY TO DRILL THE WELLS. IT WILL NOT BE CONSIDERED TO BE GOVERNMENTAL DELAY IF THE WELLS ARE NOT COMPLETED PRIOR TO THE SUBMISSION'S MILESTONE DATE.
- 5.) EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY HAVE BEEN SHOWN.
- 6.) GROUNDWATER APPROPRIATION PERMIT SHALL BE OBTAINED PRIOR TO THE SUBMITTAL OF THE RECORD PLAT FOR SIGNATURE, IF APPLICABLE.
- 7.) THE SOIL CONDITIONS WITHIN THE SEWAGE DISPOSAL AREA ON LOT 6 CAN ONLY SUPPORT A MAXIMUM OF A FOUR (4) BED ROOM HOUSE PER THE BUREAU OF ENVIRONMENTAL HEALTH.

SOILS LEGEND

MAP SYMBOL	SOIL GROUP	SOIL TYPE
ChB2	B	CHESTER SILT LOAM, 3 TO 8 PERCENT, MODERATELY REEDED
ChC2	B	CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
*GcA	C	GLENVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES

* INDICATES HYDRIC SOILS
TAKEN FROM SOILS SURVEY, ISSUED JULY 1968, MAP NO. 13

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.

Chris Malagari 7/28/06
CHRIS MALAGARI P.E. NO. 22390
PLAN PREPARER

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

Robert Weber 8/8/06
FOR HOWARD COUNTY HEALTH OFFICER DATE

NO.	DATE	REVISION

BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 418
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-485-6105 • FAX: 410-485-6644
www.bel-civilengineering.com

<p>OWNER: EUGENE BEDFORD MOORE JR JANET MORROW MOORE FAMILY TRUST 13205 ROUTE 144 WEST FRIENDSHIP MD 21794</p>	<p>PROJECT: MOORE PROPERTY LOTS 5 AND 6 A RESUBDIVISION OF LOT 3</p> <p>LOCATION: TAX MAP NO. 21 - PARCEL 140 GRIDS - 3 & 4 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p> <p>TITLE: PERCOLATION CERTIFICATION PLAN FOR LOT 6</p>
<p>DATE: APRIL 25, 2006 JULY 28, 2006</p>	<p>PROJECT NO. 1923</p>
<p>Design: CAM Draft: EDD</p>	<p>SCALE: 1" = 100' DRAWING 1 OF 1</p>

SIGNED PERC CERT 8/8/06