



# 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

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) \_\_\_\_\_

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_  
 STREET CITY/TOWN STATE ZIP

APPLICANT \_\_\_\_\_

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 \_\_\_\_\_ LOT NO. \_\_\_\_\_

PROPERTY ADDRESS \_\_\_\_\_  
 STREET TOWN/POST OFFICE

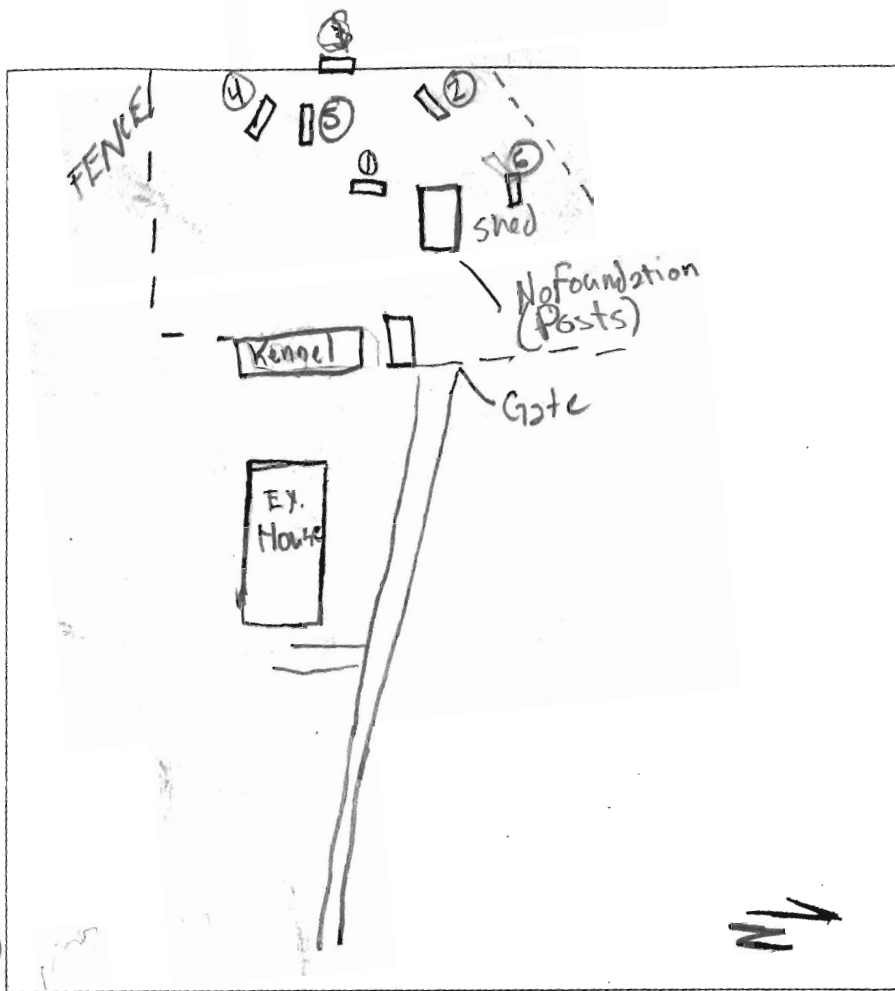
TAX MAP PAGE(S) \_\_\_\_\_ GRID \_\_\_\_\_ PARCEL(S) \_\_\_\_\_ PROPOSED LOT SIZE \_\_\_\_\_

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 OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
 1718 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648  
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP \_\_\_\_\_



6" DK Brown Lm  
Str. Brown Med. Salm (Heavy)  
3' Str. Brown Med Salm  
7'4" HARD Quartzite

2  
DK Brown Salm  
Str. Brown Salm  
Lt Yellow Brown DK Yellow Brown Striated Salm(s)  
Lt Yellow Brown MSalm

8' HARD Quartzite

3  
6" DK Brown Lm  
1 1/2" Str. Brown Heavy Salm  
DK Yellow with Brown Salm

6" HARD Bottom

wide 149.4

4  
6" DK Brown Lm  
Lt Brown Clm  
3' DK Yellow Red Brown Salm  
4' DK Yellow Brown S2  
7.5 YR 5/2  
6' HARD

5  
6" ADR Br Clm  
10 YR 4/4  
DK Yellow Brown Salm  
3' DK Yellow Brown Salm  
Str. SAB Structure S2(C) - Heavy Salm

10 1/2" Salm  
11 1/2" H2O

6  
1" AB DK Brown Salm  
horizontal  
Lt Yellow Brown - DK Brown Salm(s)

9 1/2" HARD Bottom

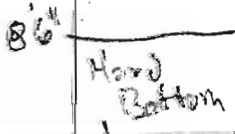
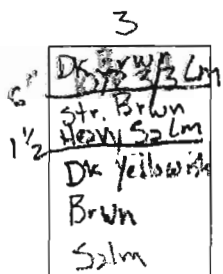
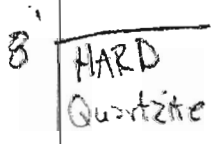
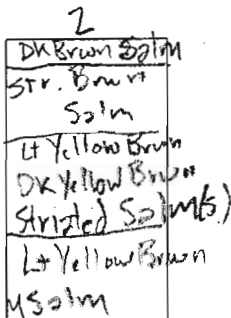
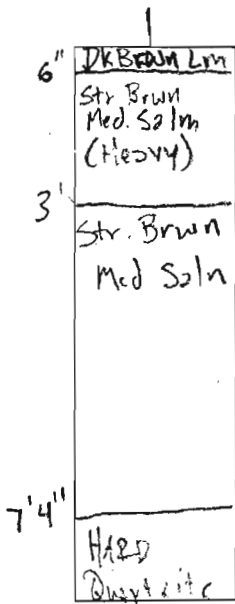
BARLEYFIELD WAY

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
	1	3' / 7'4"	10:33	10:45	11:15	30m	D
	2	3' / 8'	10:50	10:52	10:55	3	P
	3	3' / 8'6"	11:07	11:11	11:15	3	P
	4	1' / 6'	HARD	BOTTOM @ 6'			F
	5	3' / 11.5'	11:47	11:56	12:09	13m	P
	6	3' / 9'	12:15	12:17	12:20	3m	P

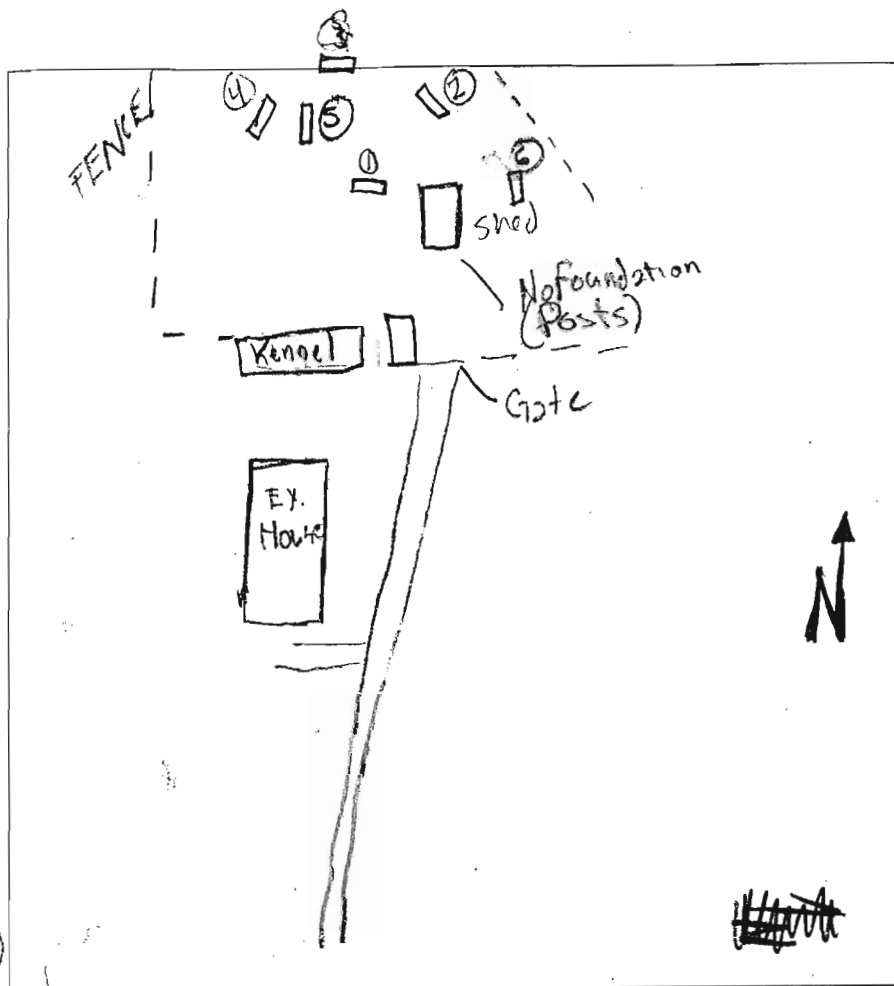
REMARKS No prominent signs of H2O - Bottom area only  
 SANITARIAN GAC - KW BACKHOE SNOWFLAKE - POCLES OTHERS Mr  
 TEST HOLES USED IN SDA 1, 2, 3, 6, 5 AVG. PERC TIME 5.5 MSQ. FT/BR  
 TRENCH WIDTH 3' INLET DEPTH 2' MAX. BOT DEPTH 3 EFFECTIVE SW 1'

$3 \times 180 - 540 / 2 \times .80 = 21630 + 13 + 9 = 52 / 55.1$

AP

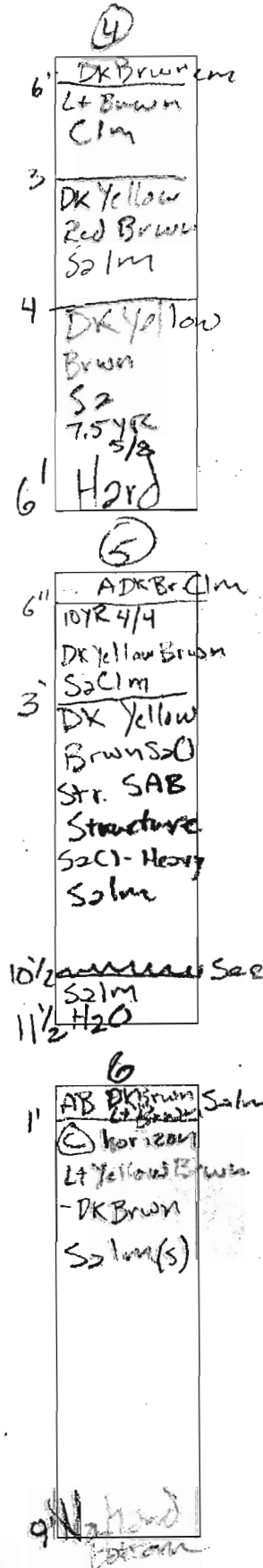


3' wide 14' 4"



BARLEYFIELD WAY

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
	1	3' / 7' 4"	10:33	10:45	11:15	30m	P
	2	3' / 8'	10:50	10:52	10:55	3	P
	3	3' / 8' 6"	11:07	11:11	11:15	3	P
	4	1' / 6'	HARD	Bottom @ 6'			F
	5	3' / 11' 5"	11:47	11:56	12:09	13m	P
	6	3' / 9'	12:15	12:17	12:20	3m	P



REMARKS: No prominent signs of H<sub>2</sub>O - Bottom only  
 SANITARIAN: GAC - KW BACKHOE: Snowflake - Foyles OTHERS: Mr Brockhart  
 TEST HOLES USED IN SDA: 1, 2, 3, 6, 5 AVG. PERC TIME: 5.5 MSQ. FT/BR 180  
 TRENCH WIDTH: 3' INLET DEPTH: 2' MAX. BOT DEPTH: 3' 10' EFFECTIVE SW: 1'

$$3 \times 180 = 540 \div 2 \times 80 = 216 \quad 30 + 13 + 9 = 52 / 55'$$



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ @P 525606

AGENCY REVIEW: \_\_\_\_\_ DATE 10/18/06

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: TENANT HOUSE

- RESIDENTIAL WITH 3 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) RAYMOND + BARBARA BROOKHART

DAYTIME PHONE 410-442-1044 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 11300 BARLEY FIELD WAY MARRIOTTSVILLE MD 21104  
STREET CITY/TOWN STATE ZIP

APPLICANT RAYMOND + BARBARA BROOKHART

DAYTIME PHONE 410-442-1044 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 11300 BARLEY FIELD WAY MARRIOTTSVILLE MD 21104  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Wood Ford's GRANT-13113 LOT NO. PAR H

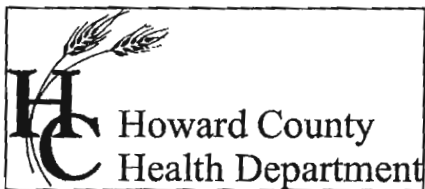
PROPERTY ADDRESS 11300 BARLEY FIELD WAY MARRIOTTSVILLE MD 21104  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 10 GRID 16 PARCEL(S) 27 PROPOSED LOT SIZE 1 ACRE

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. Barbara Brookhart  
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



Bureau of Environmental Health  
7178 Columbia Gateway Drive Columbia, Maryland 21046-2132  
(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

November 30, 2006

Mr. Raymond Brookhart and  
Ms. Barbara Brookhart  
11300 Barleyfield Way  
Marriottsville, MD 21104

RE: PERCOLATION TEST RESULTS,  
A-525606  
Proposed Tenant House  
11300 Barleyfield Way

Dear Sir and Madam,

Percolation testing conducted November 21, 2006 on the referenced property indicated limited satisfactory soil conditions. Copies of the test results are enclosed. Based upon percolation test results, the above referenced parcel may be deemed suitable for the construction of a secondary dwelling or tenant house. Please note that the recommended depth of trench and usable sidewall for subsequent system design are based on observed soil properties and characteristics at this location as well as the particular soil material tested.

Regarding the results for the proposed tenant house to be located at 11300 Barleyfield Way, further review of the project is contingent upon submission by a registered engineer/surveyor of a Percolation Certification Plan, drawn to an engineer's scale (1:30 to 1:100), that includes the following items:


1. Identification of the property, road, street address if applicable, tax map page, parcel number, subdivision name (if appropriate); add purpose statement as appropriate, e.g. subdivision, SDA adjustment, etc.
2. Name, address and telephone number of each owner, developer and the plan author.
3. The date the plan was drawn, the plan scale (1:30 - 1:100), a scaled vicinity map and the A # (percolation test fee receipt number, referenced in the HCHD correspondence- see above).
4. Health Officer Signature block conditioned with the statement, "Approved for private water and private sewerage systems".
5. Existing and proposed property lines and easements.
6. All excavated test holes observed by HCHD inspector, identified according to the alphanumeric identifier on the percolation test notes.
7. Actual surveyed elevation (not based on County Aerial topography) of each test hole.
8. Legend symbols to distinguish holes, which passed, failed, or were held for re-review (e.g., for wet season).
9. Legend symbols to distinguish between existing holes previously documented and new holes.
10. Proposed 10,000 square foot Sewage Disposal Area encompassing the percolation test holes for the lot that does not encroach upon any setback described by regulation. See # 22 for some frequently applied setbacks.
11. A table detailing existing number of bedrooms, proposed number of bedrooms and total SDA area in square feet.

12. Field verified (field run) topography at 2-foot vertical intervals and statement certifying field verification of topographic features.
13. Existing structures, wells, septic easements and other septic system components such as tanks, dry wells, trenches and distribution boxes. Description of use and intent designated for each item, e.g. 'to remain' or 'remove'. If existing septic system components are to be removed, they must be pumped free of sewage and filled with dirt after the installation of new components. Label the existing well serving the existing house by well tag number.
14. Three approvable well sites for the structure to be constructed.
15. Identification of streams, ponds, wetlands, floodplains, slopes >25%, soil types and soil type boundaries.
16. Proposed structure footprint with Building Restriction Lines as determined by other County agencies.
17. All existing wells, septic systems and sewage disposal easements on or within 100 feet of property boundaries and a certification note stating that all are shown.
18. Professional seal or signed statement that "I certify that the information shown heron is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief."
19. MDE sewage easement statement with appropriate shading to match that of proposed SDA(s). (10,000 ft. requirement not applicable if lot(s) were created before March 1972)
20. Certification of compliance with MDE ownership width requirements. (Applicable to proposed subdivisions and retests of lots created after November 1985, only).
21. If an adjustment is to be made to a previously approved SDA, show area gained, area lost, and final SDA; calculate square footage for each; and shade any area to be abandoned differently than any new SDA to be established.
22. Minimum required distances – well to house = 30'; well to SDA/septic components = 100'; SDA to down slope well = 200'; SDA to house = 20'; well or SDA to lot lines = 10'; SDA to slopes >25% = 25'; SDA to road grading = 15'; SDA to water bodies = 100'.

Additionally, please note that if you desire to use this same plan for the purpose of obtaining a building permit, show the proposed structure(s) on the plan.

If you have any questions regarding these matters, please contact me at the above address or by calling (410) 313-2775.

Respectfully,



Gabriel A. Creighton., R.S.  
Well and Septic Program  
Development Coordination Section

Enclosure: Percolation test notes  
cc: File



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ @P 525606

AGENCY REVIEW: \_\_\_\_\_ DATE 10/18/06

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: TENANT HOUSE

- RESIDENTIAL WITH 3 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) RAYMOND & BARBARA BROOKHART

DAYTIME PHONE 410-442-1044 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 11300 BARLEY FIELD WAY MARRIOTTSVILLE MD 21104  
STREET CITY/TOWN STATE ZIP

APPLICANT RAYMOND & BARBARA BROCKHART

DAYTIME PHONE 410-442-1044 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 11300 BARLEY FIELD WAY MARRIOTTSVILLE MD 21104  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Wood Ford's GRANT-13113 LOT NO. PAR H

PROPERTY ADDRESS 11300 BARLEY FIELD WAY MARRIOTTSVILLE MD 21104  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 10 GRID 16 PARCEL(S) 27 PROPOSED LOT SIZE 1 ACRE

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. Barbara Brookhart  
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

MATCHLINE, SEE SHEET

N00°09'29"W  
806.42'

PARCEL A  
PRESERVATION  
PARCEL 'H'  
AREA THIS SHEET = 694,516 SF  
OR 15.94 Acres  
TOTAL AREA = 1,139,358 SF  
OR 26.19 Acres  
(BUILDABLE)  
PRIVATELY OWNED

EXISTING 50' PUBLIC - LOCAL  
BARLEY FIELD WAY

PUBLIC SWM, DRAINAGE, &  
UTILITY EASEMENT

WETLAND  
# 1

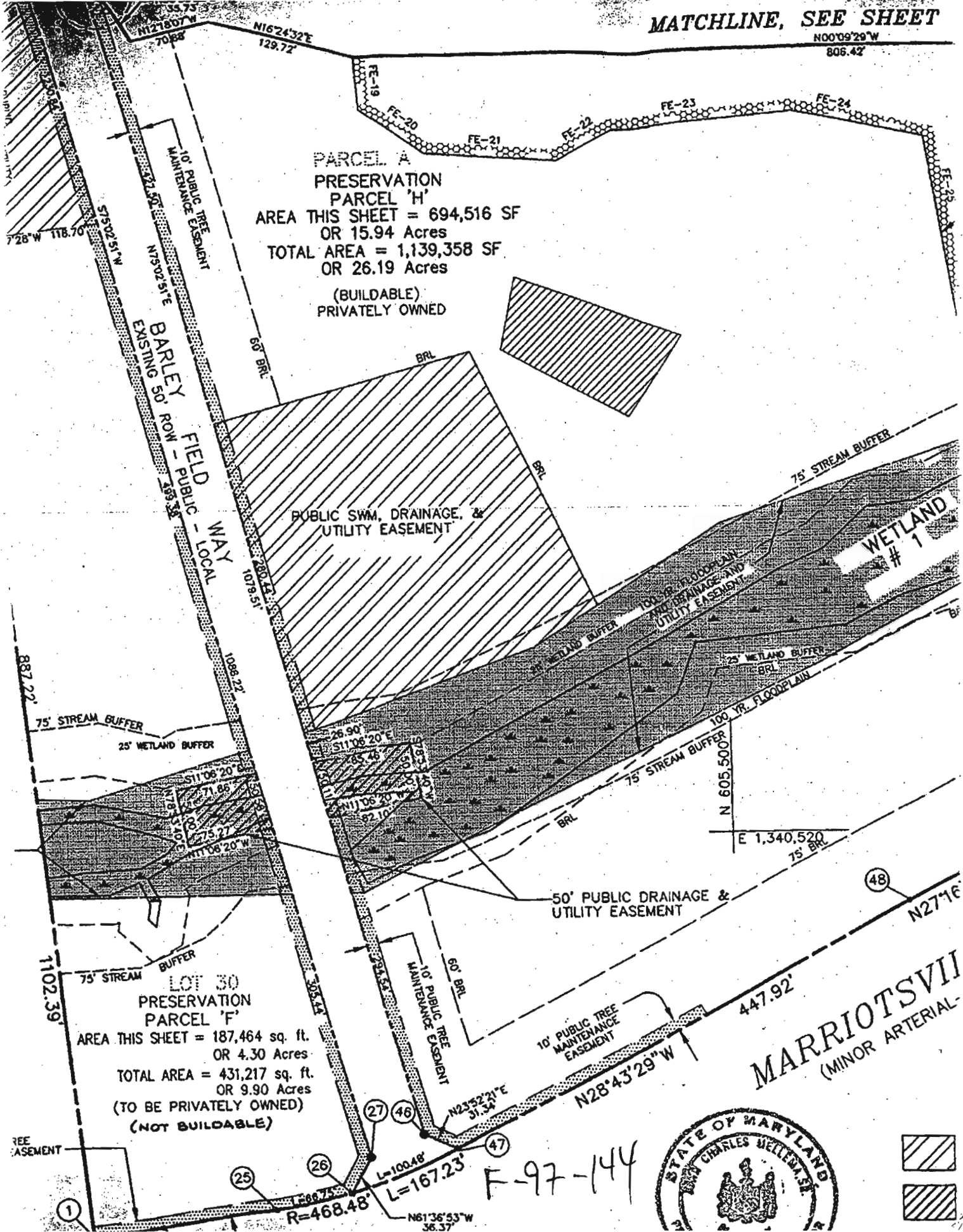
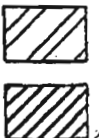
LOT 30  
PRESERVATION  
PARCEL 'F'  
AREA THIS SHEET = 187,464 sq. ft.  
OR 4.30 Acres  
TOTAL AREA = 431,217 sq. ft.  
OR 9.90 Acres  
(TO BE PRIVATELY OWNED)  
(NOT BUILDABLE)

50' PUBLIC DRAINAGE &  
UTILITY EASEMENT

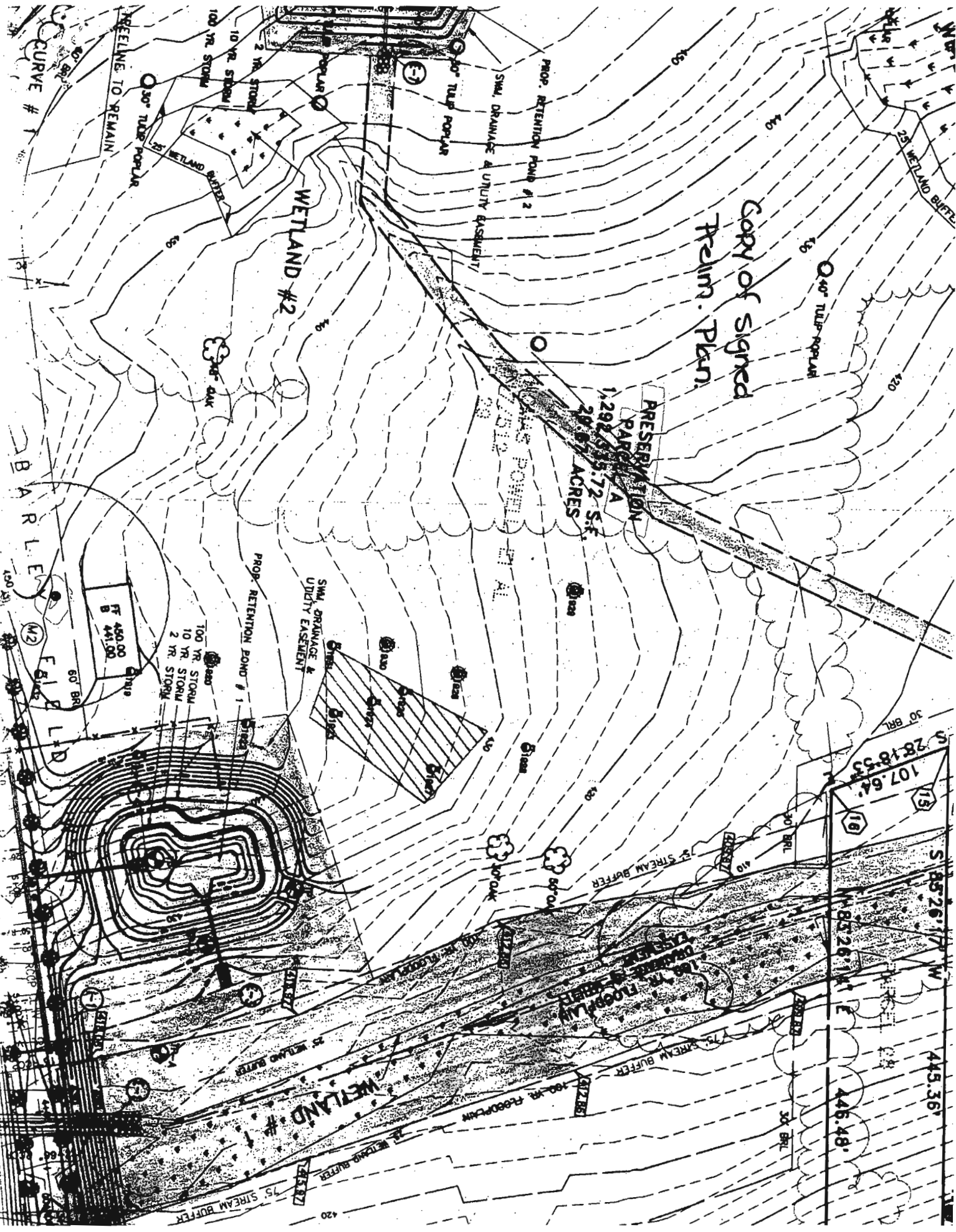
MARRIOTS VII  
(MINOR ARTERIAL)

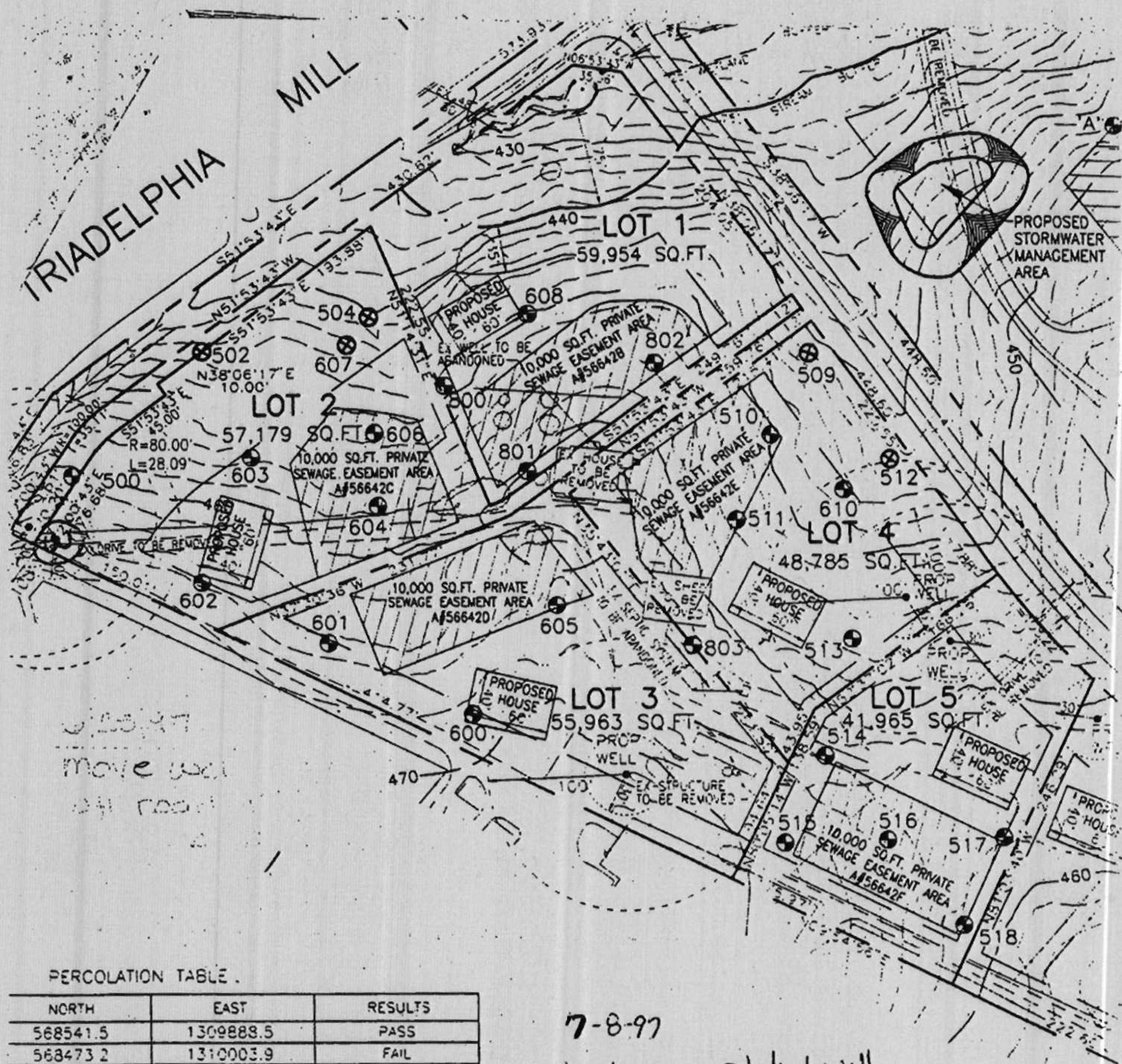


F-97-144



Copy of signed  
Prelim. Plan.

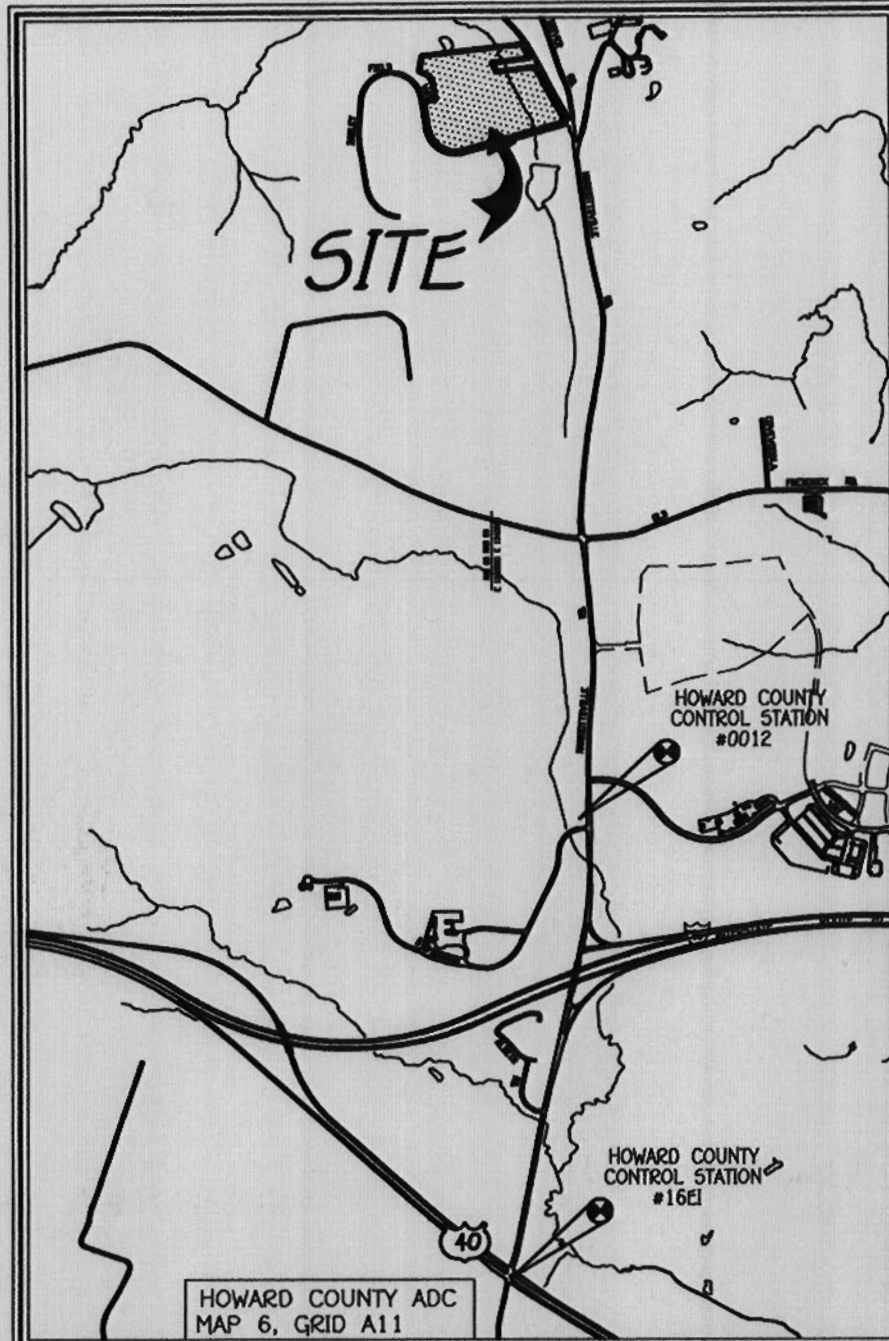




PERCOLATION TABLE

NORTH	EAST	RESULTS
568541.5	1309888.5	PASS
568473.2	1310003.9	FAIL
568362.3	1310060.2	FAIL
568049.3	1310122.5	FAIL
568059.8	1310057.3	PASS
568066.5	1309990.3	PASS
567972.2	1310063.9	FAIL
567962.8	1309929.5	PASS
567958.2	1309841.5	PASS
567968.9	1309771.9	PASS
567898.4	1309794.6	PASS
567817.8	1309819.7	PASS
567828.5	1309750.1	PASS
567688.9	1309808.7	PASS
567673.7	1309904.3	PASS
567567.0	1309870.4	PASS
567385.4	1309681.1	FAIL
567351.7	1309752.7	PASS
567200.2	1309729.3	PASS
567212.8	1309654.0	FAIL
567152.1	1309689.0	FAIL

7-8-97  
 ok to move staked well  
 location up to 20'  
 to provide adequate clearance  
 from road and power lines  
 (Km)



**VICINITY MAP**  
SCALE: 1" = 2000'

**LEGEND**

- FP- EXISTING LIMIT OF 100 YEAR FLOODPLAIN AND DRAINAGE AND UTILITY EASEMENT PLAT NO. 13114
- WL- EXISTING WETLAND LIMIT PLAT NO. 13114
- WB- EXISTING WETLAND BUFFER PLAT NO. 13114
- [Hatched Box] EXISTING PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
- [Hatched Box] EXISTING 50' PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
- [Hatched Box] EXISTING 20' PRIVATE INGRESS/EGRESS EASEMENT FOR LOT 41 AND STATE OF MARYLAND PARCEL 3 PLAT NO. 13114
- [Hatched Box] EXISTING EQUESTRIAN ACCESS EASEMENT PLAT NO. 13114

**LEGEND**

- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- [Wavy Line] EXISTING TREE LINE
- [Symbol] SOIL LINES AND TYPES
- [Symbol] DENOTES FAILED PERC
- [Symbol] DENOTES PASSED PERC
- [Symbol] DENOTES PROPOSED HOUSE
- [Symbol] DENOTES 15%-24.9% SLOPES
- [Symbol] DENOTES 25% AND GREATER SLOPE
- [Symbol] DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- [Symbol] EXISTING WELL LOCATION

**OWNER/DEVELOPER**

Raymond & Barbara Brookhart  
11300 Barley Field Way  
Marriottsville Md, 21104  
Phone # (410) 442-1044

**PERC CERTIFICATION**

I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor: *Terrell A. Fisher*  
Terrell A. Fisher, Professional Land Surveyor No. 10692  
Date: 12/28/09

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.

Signature of County Health Officer: *Barbara P. Brilenson*  
Barbara P. Brilenson  
COUNTY HEALTH OFFICER  
Date: 1/13/2010

SOILS LEGEND		
SOIL	NAME	CLASS
BeB	Beverly silt loam, 3 to 8 percent slopes	B
BeC	Beverly silt loam, 8 to 12 percent slopes	B
Co	Codorus and Hethers silt loams, 0 to 3 percent slopes	C
GgB	Glenely loam, 3 to 8 percent slopes	B
GgC	Glenely loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
GmC	Glenville-Belle silt loams, 0 to 8 percent slopes	C
MaD	Manor loam, 15 to 25 percent slopes	B
MgD	Manor-Bannertown sandy loams, 15 to 25 percent slopes, rocky	B

- NOTES:**
- Hydric soils and/or contains hydric inclusions
  - \*\* May contain hydric inclusions
  - † Generally only within 100-year floodplain areas

**GENERAL NOTES:**

1. This Area Designates A Private Sewage Area Of At Least 10,000 Square Feet As Required By The Maryland State Department Of The Environment For Individual Sewage Disposal. Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available. These Areas 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 Sewage Area. Recordation Of A Modified Sewage Area Shall Not Be Necessary.
2. The Lot Shown Hereon Complies With The Minimum Ownership, Width, And Lot Area As Required By The Maryland State Department Of The Environment.
3. Existing Walls, Septic Systems, And Sewage Disposal Areas Within 100' Of The Property And Those Wells Within 200' Down Gradient Of Existing Or Proposed Septic Systems Or Sewage Disposal Areas Have Been Shown.
4. Well Shall Be Drilled Prior To Building Permit Approval.
5. Topography Shown Is At Two-foot Contour Intervals And Has Been Field Verified By Fisher, Collins And Carter, Inc. On Or About July, 2009.
6. Any Changes To A Private Sewage Area Shall Require A Revised Perc Certification Plan.
7. Due To A Discrepancy With The Percolation Test Hole Locations, The Sewage Disposal Area For The Existing House On Preservation Parcel H Will Need To Have Additional Percolation Testing Completed At The Time Of A Septic Repair For The Existing Septic System Or At The Time Modifications Are Made To The Existing Home, Whichever Occurs First.
8. Post Barn Constructed Without Concrete Footers Or Foundation.

9. The tenant house SDA can support up to a 4 bedroom maximum.

The shed near the adjusted well box, is a moveable structure. It is actually a dog house with a structure.

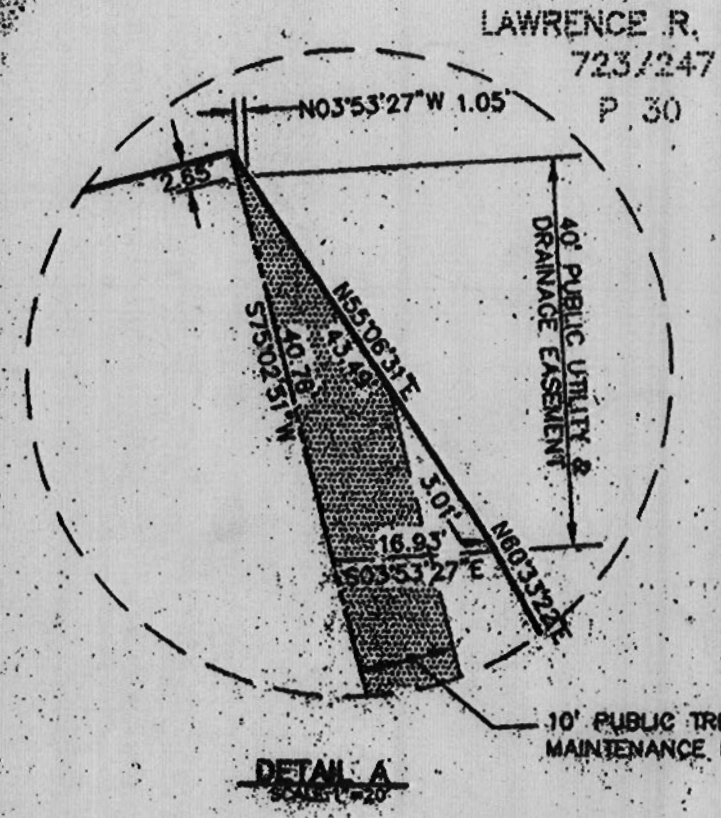
REVISE PROPOSED WELL BOX.

**PERC RECERTIFICATION PLAT WOODFORD'S GRANT PRESERVATION PARCEL 'H'**

Tax Map: 10 Parcel: 27 Grid: 16  
Third Election District  
Howard County, Maryland

Scale: 1" = 100'

Date: DECEMBER 28, 2009



LAWRENCE R. RACHUBA  
723/247  
P 30

MATCHLINE, SEE SHEET 3 OF 4

**RESERVATION OF PUBLIC UTILITY AND FOREST CONSERVATION EASEMENTS**  
THE DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS ALL EASEMENTS SHOWN ON THIS PLAN FOR WATER, SEWER, STORM DRAINAGE, OTHER PUBLIC UTILITIES AND FOREST CONSERVATION (DESIGNATED AS "FOREST CONSERVATION AREAS") LOCATED IN, ON, OVER AND THROUGH LOTS 30 AND PARCEL "A", ANY CONVEYANCES OF THE FORESAID LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREBY RESERVED. WHETHER OR NOT EXPRESSLY STATED IN THE DEED(S) CONVEYING SAID LOTS, DEVELOPERS SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREBY RESERVED TO HOWARD COUNTY, WITH A METES AND BOUNDS DESCRIPTION OF THE OF, THE FOREST CONSERVATION AREA, UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, AND IN THE CASE OF FOREST CONSERVATION EASEMENT(S) UPON COMPLETION OF THE DEVELOPER'S OBLIGATIONS UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY THE DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED(S) OF THE EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY.

B.R. BOLTON  
505/238  
P. 115  
RR-DEQ

THE REQUIREMENTS OF § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SHOWN HEREIN) APPEAR AS THEY RELATE TO THE MAKING OF THIS SUBDIVISION. IF ANY OF THE MARKERS HAVE BEEN

*John C. Mellema*  
DATE 5/10/98  
3-8-98  
ELICOTT CITY LAND HOLDINGS, INC.  
DON REIJNER, PRESIDENT  
*Thomas Powell*  
DATE 3/10/98  
M.P. VENTURES, INC.  
THOMAS POWELL, PRESIDENT  
*Patricia Ann Merz*  
DATE 3/10/98  
PATRICIA MERZ  
*Thomas Powell*  
DATE 3/10/98  
THOMAS POWELL

**TOTAL AREA TABULATION (THIS SHEET)**

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	0
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED	0
TOTAL NUMBER OF LOTS TO BE RECORDED	0
TOTAL NUMBER OF PRESERVATION PARCELS TO BE RECORDED	2
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	0
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED	0
TOTAL AREA OF PRESERVATION PARCELS	20.24 AC.
TOTAL AREA OF ROADWAY TO BE RECORDED	0
TOTAL AREA OF 100 YR. FLOODPLAIN	0 AC.
TOTAL AREA TO BE RECORDED	20.24 AC.

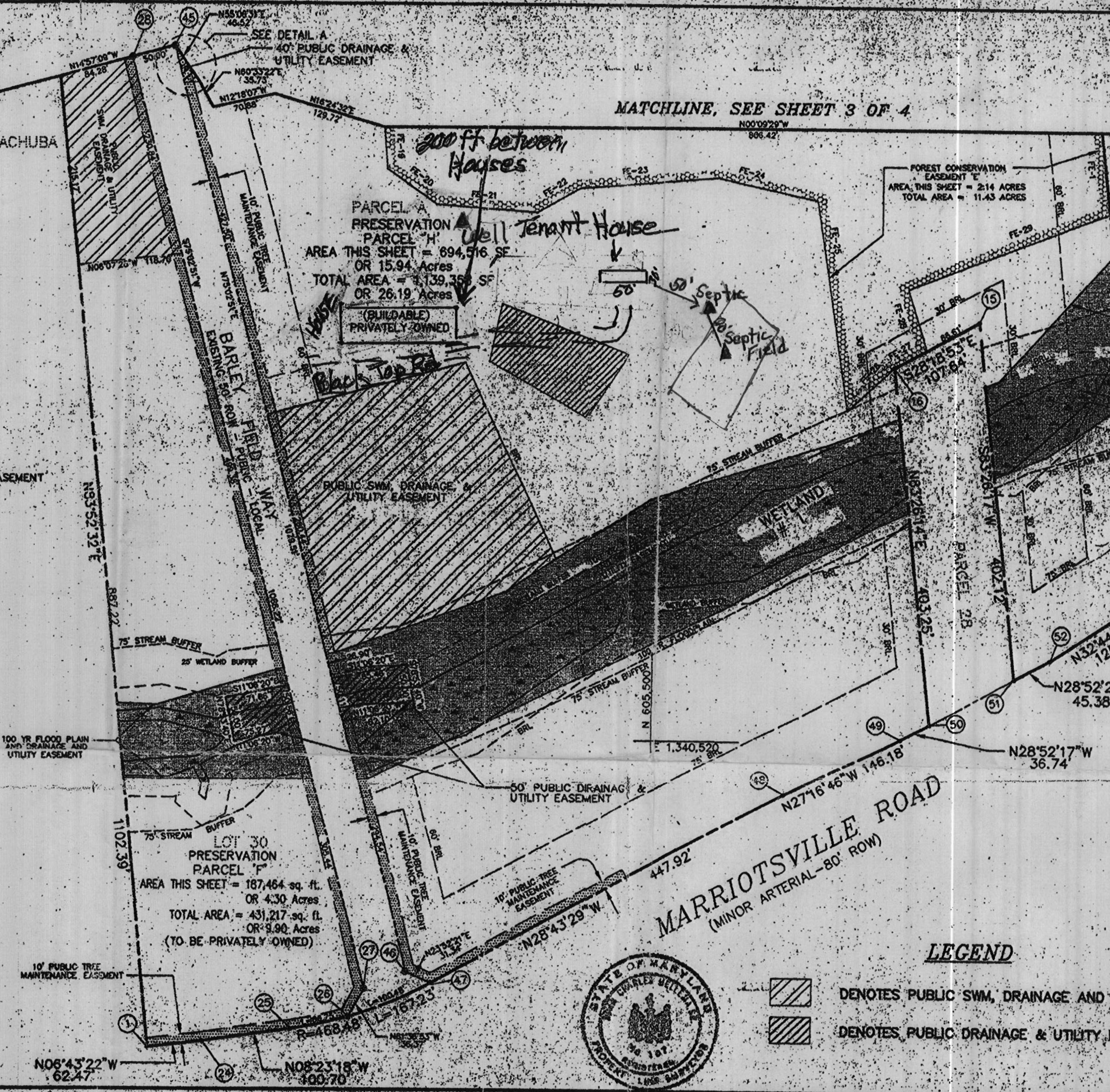
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION \_\_\_\_\_ DATE \_\_\_\_\_

DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_



**LEGEND**

DENOTES PUBLIC SWM, DRAINAGE AND UTILITY EASEMENT.

DENOTES PUBLIC DRAINAGE & UTILITY EASEMENT.

**OWNERS**  
WOODFORD JOINT VENTURE  
DON REIJNER, PRESIDENT  
10805 HICKORY RIDGE ROAD, SUITE 215  
COLUMBIA, MD 21044

THOMAS H. POWELL  
12905 FALLS ROAD  
COCKEYSVILLE, MD 21030

PATRICIA ANN MERZ  
12905 FALLS ROAD  
COCKEYSVILLE, MD 21030

**DEVELOPER**  
LAND DESIGN & DEVELOPMENT, INC.  
10805 HICKORY RIDGE RD.  
COLUMBIA, MD 21044

**OWNER'S STATEMENT**

WE, THOMAS H. POWELL, JR., PATRICIA ANN MERZ AND WOODFORD JOINT VENTURE (COMPOSED OF ELICOTT CITY LAND HOLDINGS, INC. AND M.P. VENTURES, INC.), OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAN BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS: 1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS AND STREETS RIGHT-OF-WAYS AND THE SPECIFIC EASEMENTS SHOWN HEREON, 2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE, THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, 3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAY AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND, 4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENT AND RIGHTS-OF-WAY.

WITNESS MY HAND THIS 8th DAY OF MARCH 1998

*Don Reijner*  
ELICOTT CITY LAND HOLDINGS, INC.  
DON REIJNER, PRESIDENT

*Thomas Powell*  
M.P. VENTURES, INC.  
THOMAS POWELL, PRESIDENT

*Thomas H. Powell, Jr.*  
THOMAS H. POWELL, JR.

*Patricia Ann Merz*  
PATRICIA ANN MERZ

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAN SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION COMPRISED OF (1) THAT PROPERTY CONVEYED BY THOMAS H. POWELL, JR. ET AL. TO THOMAS H. POWELL, JR. INDIVIDUALLY, AS TO AN UNDIVIDED ONE-THIRD INTEREST, AND TO PATRICIA ANN MERZ, INDIVIDUALLY, AS TO AN UNDIVIDED ONE-THIRD INTEREST, AND TO THOMAS H. POWELL, JR. AND PATRICIA ANN MERZ, AS TRUSTEES FOR ROBERT JOHN POWELL, AS TO AN UNDIVIDED ONE-THIRD INTEREST; BY CONFIRMATORY DEED AND DEED OF TRUST DATED DECEMBER 19, 1979, RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 990 FOLIO 60 AND (2) THAT PROPERTY CONVEYED BY THOMAS H. POWELL, JR. AND PATRICIA ANN MERZ, INDIVIDUALLY BY DEED DATED FEBRUARY 22, 1983, RECORDED AMONG FORESAID LAND RECORDS IN LIBER 1145, FOLIO 249 3) THAT PROPERTY CONVEYED BY THOMAS H. POWELL AND PATRICIA ANN MERZ TO WOODFORD JOINT VENTURE BY DEED DATED OCTOBER 21, 1996 AS RECORDED AT LIBER 4064, FOLIO 213, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE PLACED AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

*John C. Mellema Sr.*  
JOHN C. MELLEMA SR., SURVEYOR

3-9-98  
DATE

RECORDED AS-PLAT ON \_\_\_\_\_ AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

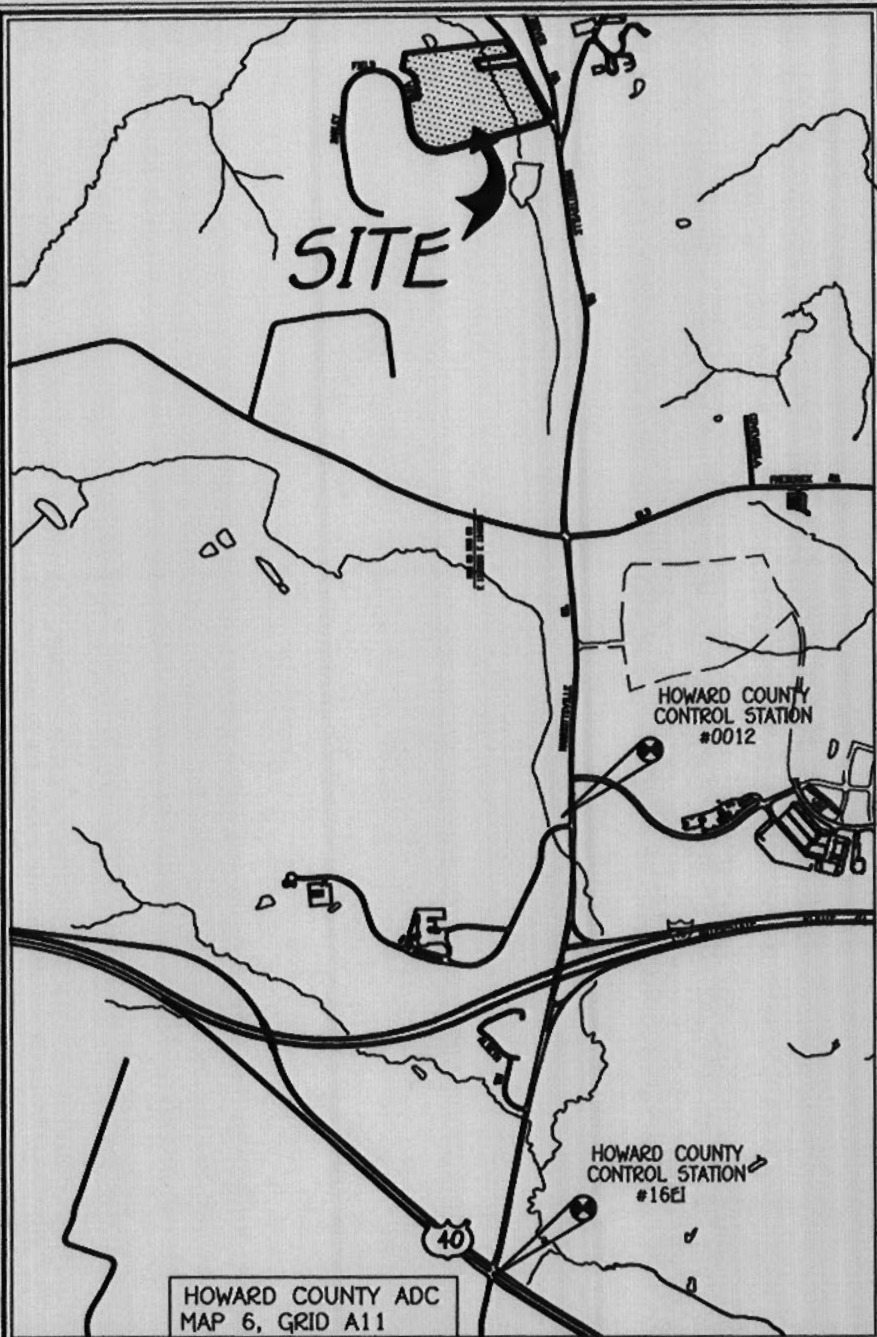
**WOODFORD'S GRANT**  
LOTS 31 THRU 49 & PRESERVATION PARCELS "B" THRU "H"

A RESUBDIVISION OF:  
WOODFORD'S GRANT  
LOTS 2 THRU 10, 10 THRU 20, 22 THRU 00  
AND PRESERVATION PARCEL "A"

TAX MAP 10  
PARCEL NO. 27, 28, & 151  
BLOCK 15 & 16  
SHEET 4 OF 4

ELECTION DISTRICT THIRD SCALE: 1"=100'  
HOWARD COUNTY, MARYLAND DATE: JUNE 1997  
EX. ZONING RR-DEO DPZ FILE NOS. S-95-05  
P-95-24; F-96-81  
F-97-144

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax.



VICINITY MAP  
SCALE: 1" = 2000'

**LEGEND**

- FP- EXISTING LIMIT OF 100 YEAR FLOODPLAIN AND DRAINAGE AND UTILITY EASEMENT PLAT NO. 13114
- WL- EXISTING WETLAND LIMIT PLAT NO. 13114
- WB- EXISTING WETLAND BUFFER PLAT NO. 13114
- [Hatched Box] EXISTING PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
- [Hatched Box] EXISTING 50' PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
- [Hatched Box] EXISTING 20' PRIVATE INGRESS/EGRESS EASEMENT FOR LOT 41 AND STATE OF MARYLAND PARCEL 3 PLAT NO. 13114
- [Hatched Box] EXISTING EQUESTRIAN ACCESS EASEMENT PLAT NO. 13114

**LEGEND**

- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- [Wavy Line] EXISTING TREE LINE
- GLB2 MLCZ SOIL LINES AND TYPES
- FO DENOTES FAILED PERC
- DENOTES PASSED PERC
- [House Icon] DENOTES PROPOSED HOUSE
- [Slope Icon] DENOTES 15%-24.9% SLOPES
- [Slope Icon] DENOTES 25% AND GREATER SLOPE
- [Well Icon] DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- ⊙ EXISTING WELL LOCATION

**OWNER/DEVELOPER**

Raymond & Barbara Brookhart  
11300 Barley Field Way  
Marriottsville Md, 21104  
Phone # (410) 442-1044

**PERC CERTIFICATION**

I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor  
Terrell A. Fisher, Professional Land Surveyor No. 10692

12/28/09  
Date

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.

Signature of Professional Health Officer  
Bridgette for Peter Bilenson  
COUNTY HEALTH OFFICER

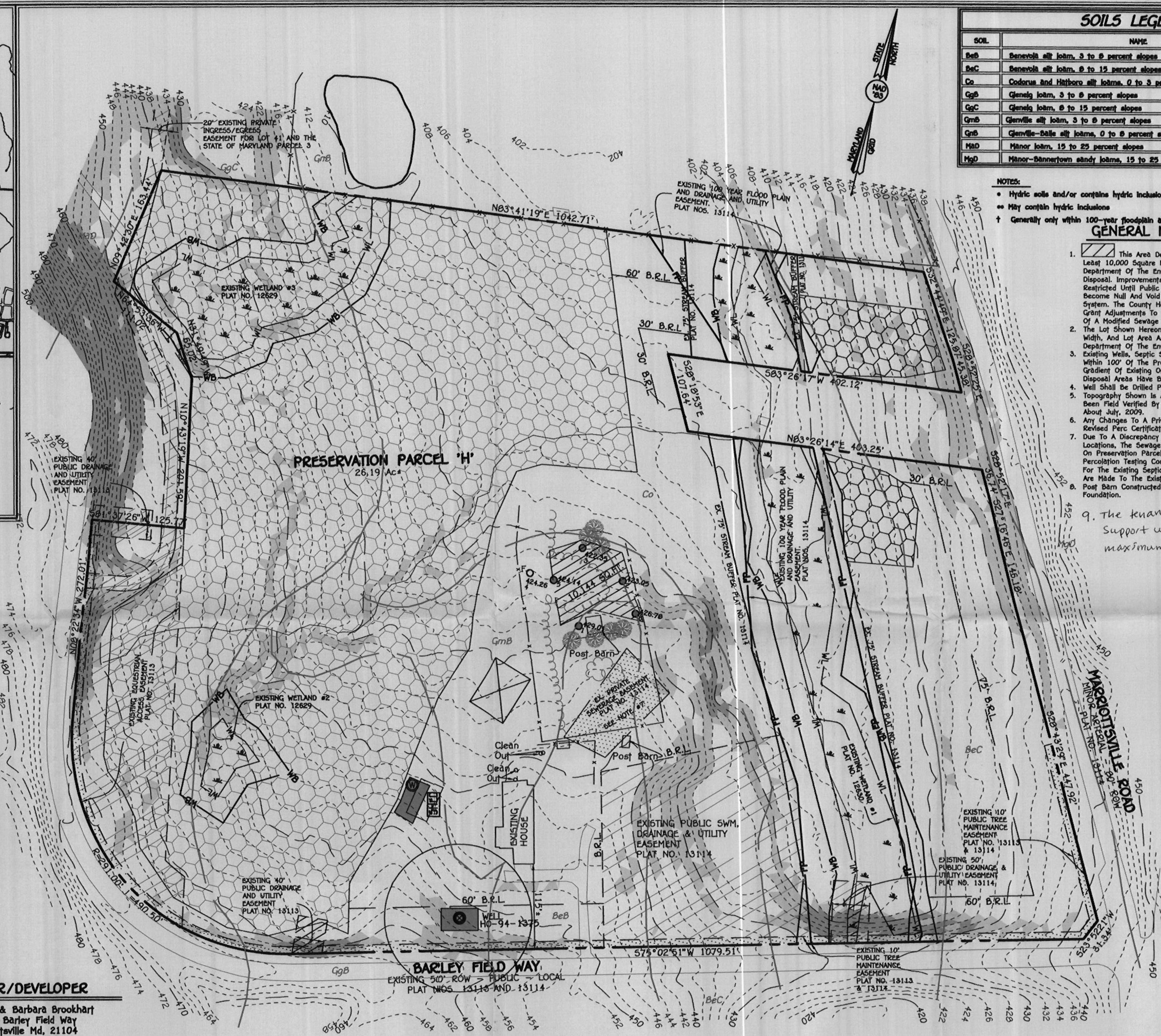
1/13/2010  
DATE

SOILS LEGEND	
SOIL	NAME
BeB	Benevolia silt loam, 3 to 8 percent slopes
BeC	Benevolia silt loam, 8 to 15 percent slopes
Co	Codonius and Hittboro silt loams, 0 to 3 percent slopes
GgB	Glenelig loam, 3 to 8 percent slopes
GgC	Glenelig loam, 8 to 15 percent slopes
GmB	Glenville silt loam, 3 to 8 percent slopes
GmC	Glenville-Belle silt loams, 0 to 8 percent slopes
MaD	Manor loam, 15 to 25 percent slopes
MaD	Manor-Bannertown sandy loams, 15 to 25 percent slopes, rocky

- NOTES:**
- Hydric soils and/or contains hydric inclusions
  - May contain hydric inclusions
  - † Generally only within 100-year floodplain areas

**GENERAL NOTES:**

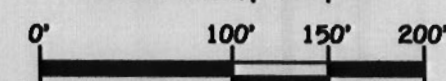
1. This Area Designates A Private Sewage Area Of Least 10,000 Square Feet As Required By The Maryland State Department Of The Environment For Individual Sewage Disposal. Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available. These Areas Become Null And Void Upon Connection To A Public Sewerage System. The County Health Officer Shall Have The Authority Grant Adjustments To The Private Sewage Area. Recordation Of A Modified Sewage Area Shall Not Be Necessary.
2. The Lot Shown Hereon Complies With The Minimum Owners Width, And Lot Area As Required By The Maryland State Department Of The Environment.
3. Existing Wells, Septic Systems, And Sewage Disposal Areas Within 100' Of The Property And Those Wells Within 200' Gradient Of Existing Or Proposed Septic Systems Or Sewage Disposal Areas Have Been Shown.
4. Well Shall Be Drilled Prior To Building Permit Approval.
5. Topography Shown At Two-foot Contour Intervals And Has Been Field Verified By Fisher, Collins And Carter, Inc. On About July, 2009.
6. Any Changes To A Private Sewage Area Shall Require A Revised Perc Certification Plan.
7. Due To A Discrepancy With The Percolation Test Hole Locations, The Sewage Disposal Area For The Existing House On Preservation Parcel H Will Need To Have Additional Percolation Testing Completed At The Time Of A Septic System For The Existing Septic System Or At The Time Modification Are Made To The Existing Home, Whichever Occurs First.
8. Post Barn Constructed Without Concrete Footers Or Foundation.
9. The knant house s.d.a can support up to a 4 bedroom maximum.



REVISE PROPOSED WELL

**PERC RECERTIFICATION PLAN  
WOODFORD'S GRANT  
PRESERVATION PARCEL 'H'**

Tax Map: 10 Parcel: 27 Grid: 16  
Third Election District  
Howard County, Maryland



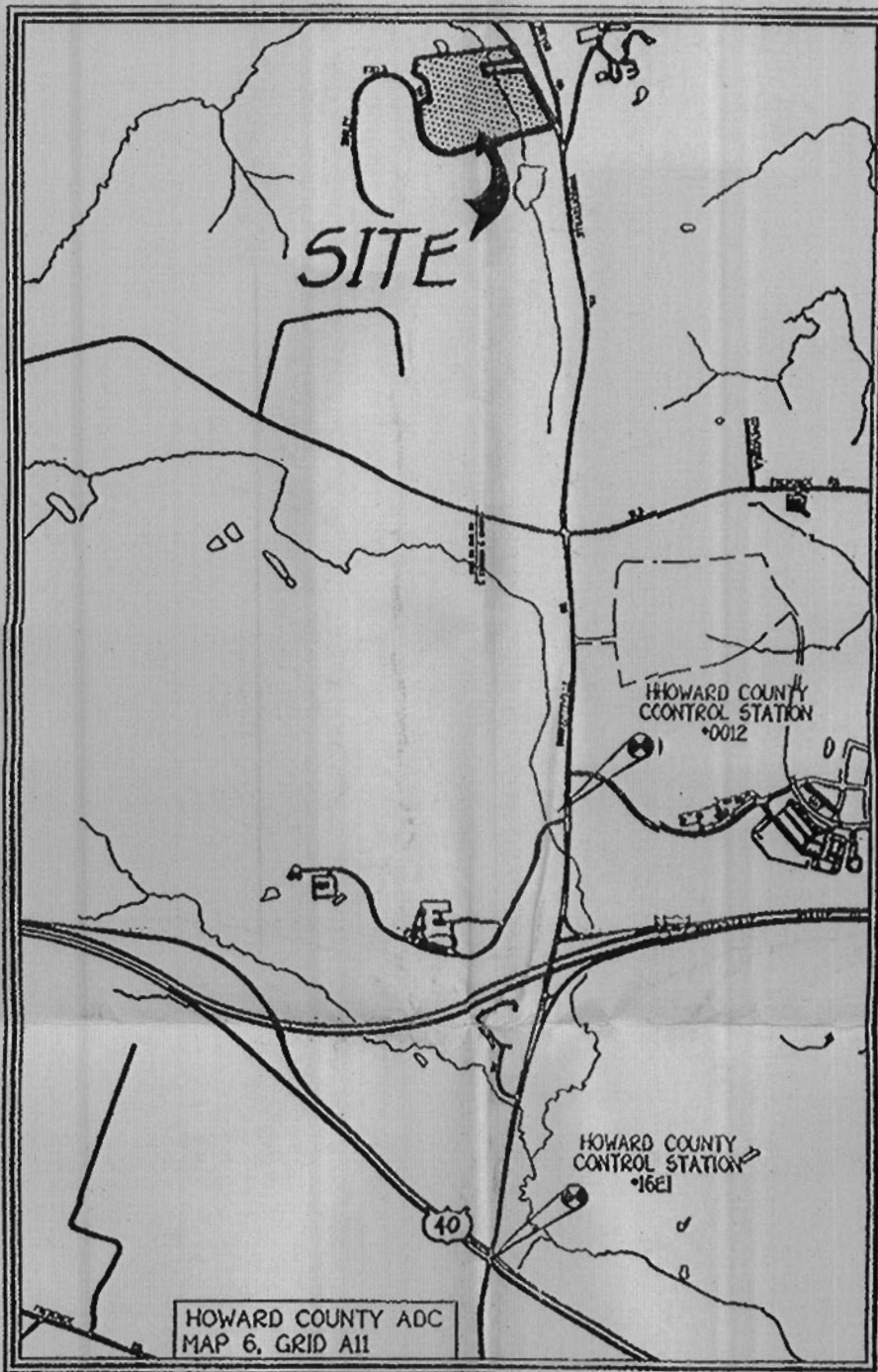
Scale: 1" = 100'  
Date: DECEMBER 28, 2009

U.S. Equivalent Coordinate Table		Metric Coordinate Table			
POINT	NORTH	POINT	NORTH		
11	605938.6450	1339299.6240	11	104690.468396	408219.341875
15	605861.7080	1340026.5290	15	104667.017951	408440.902963
16	605766.9470	1340077.5840	16	104638.134741	408456.464558
17	605777.5456	1339272.0627	17	104641.365210	408210.941164
18	605730.4393	1339372.5934	18	104627.007176	408241.583003
19	605675.1974	1339406.8853	19	104610.169408	408252.035184
20	605477.1268	1339444.3897	20	104549.797380	408263.466547
21	605458.8065	1339319.9656	21	104544.213325	408225.541996
44	605189.6950	1339359.5900	44	104462.187979	408237.619549
45	604950.9390	1339722.5690	45	104389.415005	408348.255769
46	605229.4720	1340765.5270	46	104474.312033	408666.150003
47	605258.1290	1340778.2090	47	104483.046704	408670.015485
48	605651.3780	1340562.6910	48	104602.909239	408604.325467
49	605780.8600	134095.9340	49	104642.375432	408583.977893
50	605813.0300	1340478.1960	50	104652.180867	408578.571339
51	605907.6620	1340426.0170	51	104681.024758	408562.667148
52	605947.4030	1340404.1030	52	104693.137839	408555.987748
53	606053.2720	1340336.0140	53	104725.406775	408535.234179

Curve Data Chart					
Pnt-Pnt	Radius	Arc Length	Delta	Tangent	Chord Bearing And Distance
45-44	291.00'	490.50'	96°34'34"	326.47'	656°39'51"E 434.46'

**GENERAL NOTES:**

- This Area Designates A Private Sewerage Easement of 10,000 Square Feet As Require By The Maryland State Department Of The Environment For Individual Sewage Disposal. Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available. These Easements Shall Become Null And Void Upon Connection To A Public Sewerage System. The County Health Officer Shall Have The Authority To Grant Variances For Encroachments Into The Private Sewerage Easement.
- The Lots Shown Hereon Comply With The Minimum Ownership Width And Lot Area As Required By The Maryland State Department Of The Environment.
- Subject Property Zoned RC-DEO Per 2/2/04 Comprehensive Zoning Plan And The Comp Lite Zoning Regulations Effective 7/28/06.
- Coordinates Based On Nad '83, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 0012 And No. 16E1.
- This Plat Is Based On Field Run Monumented Boundary Survey Performed On Or About January, 1995 By John C. Mellema, Sr., Surveyor.
- B.R.L. Denotes Building Restriction Line.
- Denotes Iron Pin Set Capped "F.C.C. 106".
- ⊙ Denotes Iron Pipe Or Iron Bar Found.
- Denotes Angular Change In Bearing Or Rights-Of-Way.
- Denotes Concrete Monument Set With Aluminum Plate "F.C.C. 106".
- Denotes Concrete Monument Or Stone Found.
- Driveway(s) Shall Be Provided Prior To Issuance Of A Use And Occupancy Permit For Any New Dwelling To Ensure Safe Access For Fire And Emergency Vehicles Per The Following (Minimum) Requirements:
  - Width - 12 Feet (16 Feet Serving More Than One Residence);
  - Surface - Six (6") Inches Of Compacted Crusher Run Base With Tar And Chip Coating. (1 - 1/2" Minimum).
  - Geometry - Maximum 14% Grade, Maximum 10% Grade Change And 45-Foot Turning Radius;
  - Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (H-25 Loading);
  - Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Surface;
  - Structure Clearances - Minimum 12 Feet;
  - Maintenance - Sufficient To Ensure All Weather Use.
- All Lot Areas Are More Or Less (±).
- Distances Shown Are Based On Surface Measurement And Not Reduced To Nad '83 Grid Measurement.
- Prior Department Of Planning And Zoning File Nos. 5-95-04, P-95-24, 5-97-04, WP-95-28, F-95-61, F-97-144.
- There Is An Existing Dwelling Located On Preservation Parcel "H" To Remain. No New Buildings, Extensions Or Additions To The Existing Dwellings Are To Be Constructed At A Distance Less Than The Zoning Regulations Require.
- The Wetlands Were Delineated By Exploration Research, Inc. And Identified On F-97-144.
- No Grading, Removal Of Vegetative Cover Or Trees, Or Placement Of New Structures Is Permitted Within The Limits Of Wetlands, Streams, Or Their Buffers And Forest Conservation Easement Areas.
- Denotes Wetlands Area Outline.
- Articles Of Incorporation By The State Department Of Assessments And Taxation For Woodford's Grant Homeowner's Association, Inc. Were Accepted By The State Department Of Taxation And Assessments On September 11, 1996.
- This Plat Is In Compliance With The Amended Fifth Edition Of The Subdivision And Land Development Regulations.
- Preservation Parcel "H" Is Privately Owned And Maintained. This Preservation Parcel Is Encumbered By An Easement Agreement With Woodford's Grant Homeowner's Association, Inc. And Howard County, Maryland Which Prohibits Further Subdivision Of The Parcel. Outlines The Maintenance Responsibilities Of The Owner And Enumerates The Uses Permitted On The Property.
- This Plat Is Exempt From The Requirements Of Section 16.124 Of The Howard County Code And The Landscape Manual Because It Is A Revision Plat That Does Not Create Any New Parcel Divisions.
- This Plat Is Exempt From The Forest Conservation Requirements Because It Is A Revision Plat That Does Not Create Any New Lots/Parcels In Accordance With Section 16.1202 (b)(vii) Of The Howard County Code.
- The Forest Conservation Obligation For Woodford's Grant Has Been Revised As Follows:
  - Create Revised Forest Conservation Easement E-1 By Removing 0.67 Acres (Retention) Of Retention From Forest Conservation Easement "E".
  - Create New Forest Conservation Easements "I" And "J" Containing A Total Of 0.67 Acres (Retention).
- The Deed Of Forest Conservation Easement Dated March 27, 1998 Is Recorded Among The Land Records Of Howard County, Maryland In Liber 4239 At Folio 47B. An Amended Deed Of Forest Conservation Is Recorded Simultaneously With The Recordation Of This Plat For Forest Conservation "E" And A New Deed Of Forest Conservation Easement For FCE "E-1", "I" And "J".



VICINITY MAP  
SCALE: 1" = 2000'

**Reservation Of Public Utility And Forest Conservation Easements**

Developer Reserves Unto Itself, Its Successors And Assigns, All Easements Shown On This Plan For Water, Sewer, Storm Drainage, Other Public Utilities And Forest Conservation (Designated As "Forest Conservation Area"), Located In, On, Over, And Through Preservation Parcel "H", Any Conveyances Of The Aforesaid Lots Shall Be Subject To The Easements Herein Reserved, Whether Or Not Expressly Stated In The Deeds(s) Conveying Said Lot(s). Developer Shall Execute And Deliver Deeds For The Easements Herein Reserved To Howard County, With A Metes And Bounds Description Of The Forest Conservation Area. Upon Completion Of The Public Utilities And Their Acceptance By Howard County, And, In The Case Of The Forest Conservation Easement(s), Upon Completion Of The Developer's Obligations Under The Forest Conservation Installation And Maintenance Agreement Executed By Developer And The County, And The Release Of Developer's Surety Posted With Said Agreement, The County Shall Accept The Easements And Record The Deeds(s) Of Easement In The Land Records Of Howard County.

The Requirements §3-108, The Real Property Article, Annotated Code Of Maryland, 1988 Replacement Volume, As Supplemented As Far As They Relate To The Making Of This Plat And The Setting Of Markers Have Been Complied With

*Terrell A. Fisher, L.S. 10692* 3/25/09 Date  
(Registered Land Surveyor)

*Raymond A. Brookhart* 4/2/09 Date  
(Owner)

*Barbara L. Brookhart* 4/2/09 Date  
(Owner)

**AREA TABULATION FOR SHEET**

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	0
TOTAL NUMBER OF PRESERVATION PARCELS TO BE RECORDED	1
TOTAL NUMBER OF LOTS/PARCELS TO BE RECORDED	1
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	0.00 Aca
TOTAL AREA OF PRESERVATION PARCELS TO BE RECORDED	26.19 Aca
TOTAL AREA OF LOTS/PARCELS TO BE RECORDED	26.19 Aca
TOTAL AREA OF ROADWAY TO BE RECORDED	0.00 Aca
TOTAL AREA TO BE RECORDED	26.19 Aca

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21112  
(410) 461-2055

**OWNER/DEVELOPER**  
Raymond & Barbara Brookhart  
11500 Barley Field Way  
Marriottsville Md, 21104  
Phone • (410) 442-1044

**Purpose Statement**

The Purpose Of This Plat Is To Abandon And Relocate Part Of Existing Forest Conservation Retention Easement "E" Recorded On A Plat Entitled "Woodford's Grant, Lots 31 Thru 49 & Preservation Parcels "B" Thru "H", Plat Nos. 13111 Thru 13114 To:

- Create Revised Forest Conservation Easement E-1 By Removing 0.67 Acres (0.49 Acres + 0.18 Acres) Retention Area From Forest Conservation Easement "E" And Relocated On-Site Within Preservation Parcel "H".
- Create New Forest Conservation Easement "I" (Retention) Containing 0.29 Acres In Preservation Parcel "H".
- Create New Forest Conservation Easement "J" (Retention) Containing 0.38 Acres In Preservation Parcel "H".

APPROVED: For Private Water And Private Sewerage Systems  
Howard County Health Department.

*Michael J. Davis* 6/30/2009 Date  
Howard County Health Officer

APPROVED: Howard County Department Of Planning And Zoning

*Chris Dennis* 7/9/09 Date  
Chief, Development Engineering Division

*Cindy Hawn* 7/13/09 Date  
Director

**OWNER'S CERTIFICATE**

Raymond A. Brookhart And Barbara L. Brookhart Owners Of The Property Shown And Described Hereon, Herby Adopt This Plan Of Subdivision, And In Consideration Of The Approval Of This Final Plat By The Department Of Planning And Zoning, Establish The Minimum Building Restriction Lines And Grant Unto Howard County, Maryland, Its Successors And Assigns: (1) The Right To Lay, Construct And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Street Rights-Of-Way And The Specific Easement Areas Shown Hereon; (2) The Right To Require Dedication For Public Use The Beds Of The Streets And/Or Roads And Floodplains And Open Space Where Applicable And For Good And Other Valuable Consideration, Herby Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Streets And/Or Roads And Floodplains, Storm Drainage Facilities And Open Space Where Applicable; (3) The Right To Require Dedication Of Waterways And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance; And (4) That No Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Rights-Of-Way. Witness My Hand This 2nd Day Of April, 2009.

*Raymond A. Brookhart*  
Raymond A. Brookhart

*Barbara L. Brookhart*  
Barbara L. Brookhart

**SURVEYOR'S CERTIFICATE**

I Herby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of All Of The Lands Conveyed By Thomas H. Powell Jr. And Patricia Ann Merz, Individually And As Trustees Under The Will Of Thomas H. Powell, Sr. And As Trustees Under The Will Of Florence A. Powell To Raymond A. Brookhart And Barbara L. Brookhart By Deed Dated April 21, 1998 And Recorded In The Land Records Of Howard County In Liber No. 4281 Folio 270, And That All Monuments Are In Place Or Will Be In Place Prior To The Acceptance Of The Streets In The Subdivision By Howard County As Shown, In Accordance With The Annotated Code Of Maryland, As Amended.

*Terrell A. Fisher* 3/25/09 Date  
Professional Land Surveyor No. 10692

RECORDED AS PLAT No. 20667 ON 7/16/09  
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

**PLAT OF REVISION**  
**WOODFORD'S GRANT**  
**PRESERVATION PARCEL "H"**

(A Revision To Preservation Parcel "H" - Woodford's Grant - Plat Nos. 13111 Thru 13114) Zoned RC-DEO

Tax Map: 10 Parcel: 27 Grid: 16  
Third Election District  
Howard County, Maryland

Scale: 1" = 100'  
Date: March 24, 2009

Sheet 1 of 2

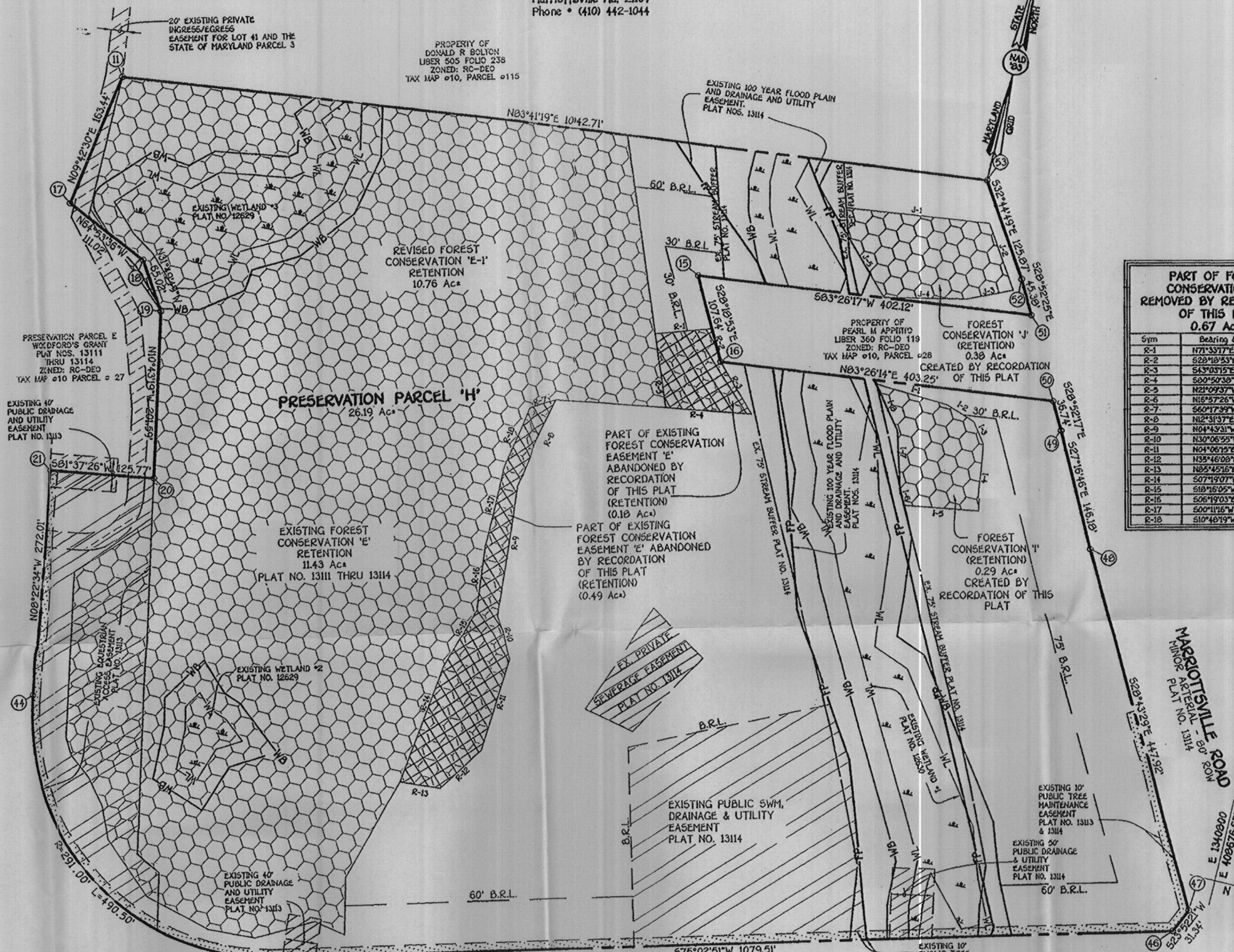
F-09-119

**Reservation Of Public Utility And Forest Conservation Easements**

Developer Reserves Unto Itself, Its Successors And Assigns, All Easements Shown On This Plan For Water, Sewer, Storm Drainage, Other Public Utilities And Forest Conservation (Designated As "Forest Conservation Area"), Located In, On, Over, And Through Preservation Parcel "H", Any Conveyances Of The Aforesaid Lots Shall Be Subject To The Easements Herein Reserved, Whether Or Not Expressly Stated In The Deeds Conveying Said Lot(s). Developer Shall Execute And Deliver Deeds For The Easements Herein Reserved To Howard County, With A Metes And Bounds Description Of The Forest Conservation Area. Upon Completion Of The Public Utilities And Their Acceptance By Howard County, And, In The Case Of The Forest Conservation Easement(s), Upon Completion Of The Developer's Obligations Under The Forest Conservation Installation And Maintenance Agreement Executed By Developer And The County, And The Release Of Developer's Surety Posted With Said Agreement, The County Shall Accept The Easements And Record The Deed(s) Of Easement In The Land Records Of Howard County.

**OWNER/DEVELOPER**

Raymond & Barbara Brookhart  
11300 Barley Field Way  
Marriottsville Md. 21104  
Phone • (410) 442-1044



**LEGEND**

- FP- EXISTING LIMIT OF 100 YEAR FLOODPLAIN AND DRAINAGE AND UTILITY EASEMENT PLAT NO. 13114
- WL- EXISTING WETLAND LIMIT PLAT NO. 13114
- WB- EXISTING WETLAND BUFFER PLAT NO. 13114
- [Hatched Box] EXISTING PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
- [Hatched Box] EXISTING 50' PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
- [Hatched Box] EXISTING 20' PRIVATE INGRESS/EGRESS EASEMENT FOR LOT 41 AND STATE OF MARYLAND PARCEL 3 PLAT NO. 13114
- [Hatched Box] EXISTING EQUESTRIAN ACCESS EASEMENT PLAT NO. 13114

The Requirements §3-108, The Real Property Article, Annotated Code Of Maryland, 1988 Replacement Volume, (As Supplemented As Far As They Relate To The Making Of This Plat And The Setting Of Markers Have Been Complied With

*Terrell A. Fisher* 3/25/09 Date  
Terrell A. Fisher, L.S. #10692 (Registered Land Surveyor)

*Raymond Brookhart* 4/2/09 Date  
Raymond A. Brookhart (Owner)

*Barbara Brookhart* 4/2/09 Date  
Barbara L. Brookhart (Owner)

**AREA TABULATION FOR SHEET**

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	0
TOTAL NUMBER OF PRESERVATION PARCELS TO BE RECORDED	1
TOTAL NUMBER OF LOTS/PARCELS TO BE RECORDED	1
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	0.00 Ac
TOTAL AREA OF PRESERVATION PARCELS TO BE RECORDED	26.19 Ac
TOTAL AREA OF LOTS/PARCELS TO BE RECORDED	26.19 Ac
TOTAL AREA OF ROADWAY TO BE RECORDED	0.00 Ac
TOTAL AREA TO BE RECORDED	26.19 Ac

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10722 BALTHORE NATIONAL FREE  
BELLGATE CITY, MARYLAND 21152  
410.461.2555

**OWNER'S CERTIFICATE**

Raymond A. Brookhart And Barbara L. Brookhart Owners Of The Property Shown And Described Hereon, Herby Adopt This Plan Of Subdivision, And In Consideration Of The Approval Of This Final Plat By The Department Of Planning And Zoning, Establish The Minimum Building Restriction Lines And Grant Unto Howard County, Maryland, Its Successors And Assigns: (1) The Right To Lay, Construct And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Street Rights-Of-Way And The Specific Easement Areas Shown Hereon; (2) The Right To Require Dedication For Public Use The Beds Of The Streets And/Or Roads And Floodplains And Open Space Where Applicable And For Good And Other Valuable Consideration, Herby Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Streets And/Or Roads And Floodplains, Storm Drainage Facilities And Open Space Where Applicable; (3) The Right To Require Dedication Of Waterways And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance; And (4) That No Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Rights-Of-Way. Witness My Hand This 2nd Day Of April, 2009.

*Raymond Brookhart* Raymond A. Brookhart  
*Barbara Brookhart* Barbara L. Brookhart

*Terrell A. Fisher* Witness  
*Terrell A. Fisher* Witness

**SURVEYOR'S CERTIFICATE**

I Herby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of All Of The Lands Conveyed By Thomas H. Powell Jr. And Patricia Ann Merz, Individually And As Trustees Under The Will Of Thomas H. Powell, Sr. And As Trustees Under The Will Of Florence A. Powell To Raymond A. Brookhart And Barbara L. Brookhart By Deed Dated April 21, 1998 And Recorded In The Land Records Of Howard County In Liber No. 4281 Folio 270, And That All Monuments Are In Place Or Will Be In Place Prior To The Acceptance Of The Streets In The Subdivision By Howard County As Shown, In Accordance With The Annotated Code Of Maryland, As Amended.

*Terrell A. Fisher*  
Terrell A. Fisher, Professional Land Surveyor No. 10692 Date 3/25/09

RECORDED AS PLAT No. 20668 ON 7/16/09  
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

**PLAT OF REVISION**  
**WOODFORD'S GRANT**  
PRESERVATION PARCEL "H"  
(A Revision To Preservation Parcel "H" - Woodford's Grant - Plat Nos. 13111 Thru 13114)

Zoned: RC-DEO  
Tax Map: 10 Parcel 27 Grid 16  
Third Election District  
Howard County, Maryland

Scale: 1" = 100'  
Date: March 24, 2009  
Sheet 2 of 2

**PART OF FOREST CONSERVATION 'E' REMOVED BY RECORDED OF THIS PLAT 0.67 Ac.**

Sym	Bearing & Distance
E-1	N71°33'17"E 70.12'
E-2	S29°10'53"E 41.03'
E-3	S43°03'15"E 72.93'
E-4	S60°50'39"W 104.64'
E-5	N2°09'37"W 69.94'
E-6	N16°57'26"W 34.30'
E-7	S60°17'35"W 54.77'
E-8	N2°13'13"E 114.87'
E-9	N04°43'31"W 156.28'
E-10	N30°06'55"W 54.50'
E-11	N04°06'19"E 114.00'
E-12	N35°46'08"E 68.82'
E-13	N85°45'16"E 48.45'
E-14	S07°49'07"W 117.40'
E-15	S10°55'07"E 73.46'
E-16	S06°18'03"E 78.31'
E-17	S00°11'15"W 96.08'
E-18	S10°48'19"W 77.08'

**FOREST CONSERVATION 'J' RETENTION 0.38 Ac.**

Sym	Bearing & Distance
J-1	S62°40'30"W 172.69'
J-2	S32°46'12"E 86.01'
J-3	S65°50'45"W 56.04'
J-4	S77°33'34"W 100.09'
J-5	N43°33'41"W 85.95'
J-6	N16°57'26"W 34.30'

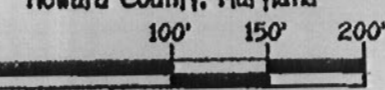
**FOREST CONSERVATION 'I' RETENTION 0.29 Ac.**

Sym	Bearing & Distance
I-1	S66°42'07"E 87.31'
I-2	S70°57'58"E 38.53'
I-3	S56°25'48"E 29.31'
I-4	S68°55'00"E 79.92'
I-5	S61°00'45"W 89.25'
I-6	N26°32'31"W 22.92'
I-7	N5°55'46"W 68.18'
I-8	N37°04'48"W 60.42'

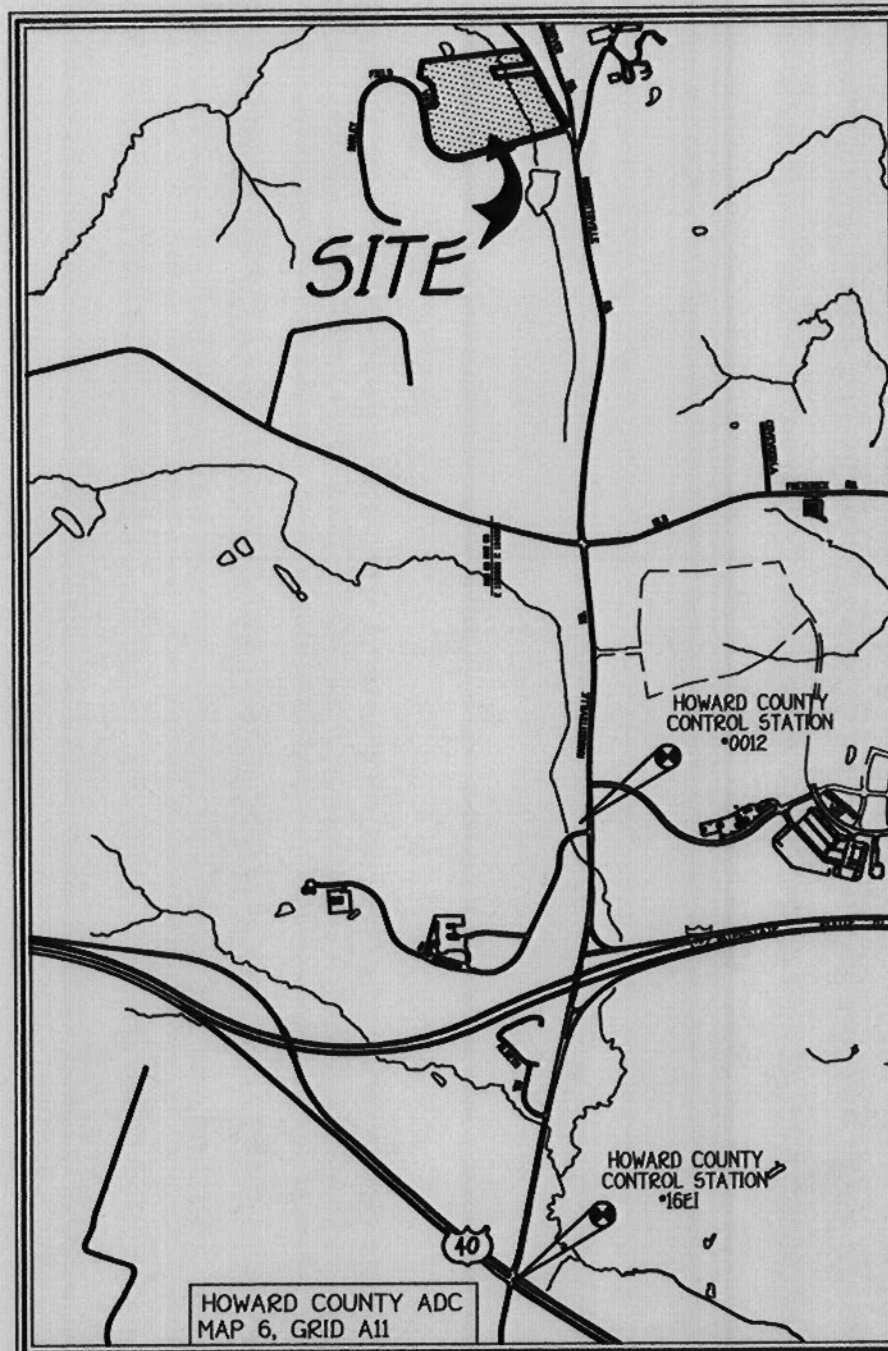
N 606100  
N 184739.6494 (Meters)  
E 1340800  
E 488676.6573 (Meters)

N 605300  
N 184495.8089 (Meters)

N 605300  
N 184495.8089 (Meters)



F-09-119



**VICINITY MAP**  
SCALE: 1" = 2000'

- LEGEND**
- FP- EXISTING LIMIT OF 100 YEAR FLOODPLAIN AND DRAINAGE AND UTILITY EASEMENT PLAT NO. 13114
  - WL- EXISTING WETLAND LIMIT PLAT NO. 13114
  - WB- EXISTING WETLAND BUFFER PLAT NO. 13114
  - [Hatched Box] EXISTING PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
  - [Hatched Box] EXISTING 50' PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
  - [Hatched Box] EXISTING 20' PRIVATE INGRESS/EGRESS EASEMENT FOR LOT 41 AND STATE OF MARYLAND PARCEL 3 PLAT NO. 13114
  - [Hatched Box] EXISTING EQUESTRIAN ACCESS EASEMENT PLAT NO. 13114

- LEGEND**
- - - EXISTING 2' CONTOURS
  - - - EXISTING 10' CONTOURS
  - [Wavy Line] EXISTING TREE LINE
  - [GLB2/MLC2] SOIL LINES AND TYPES
  - [F] DENOTES FAILED PERC
  - [O] DENOTES PASSED PERC
  - [House Icon] DENOTES PROPOSED HOUSE
  - [Slope Icon] DENOTES 15%-24.9% SLOPES
  - [Slope Icon] DENOTES 25% AND GREATER SLOPE
  - [Well Icon] DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
  - [Well Icon] EXISTING WELL LOCATION

**OWNER/DEVELOPER**  
Raymond & Barbara Brookhart  
11300 Barley Field Way  
Marriottsville Md, 21104  
Phone • (410) 442-1044

**PERC CERTIFICATION**  
I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor  
Terrell A. Fisher, Professional Land Surveyor No. 10692

8/10/09  
Date

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.

Signature for Peter Beilenson  
COUNTY HEALTH OFFICER

8/19/2009  
DATE

Tax Map: 10 Parcel: 27 Grid: 16  
Third Election District  
Howard County, Maryland

Scale: 1" = 100'  
Date: August 10, 2009

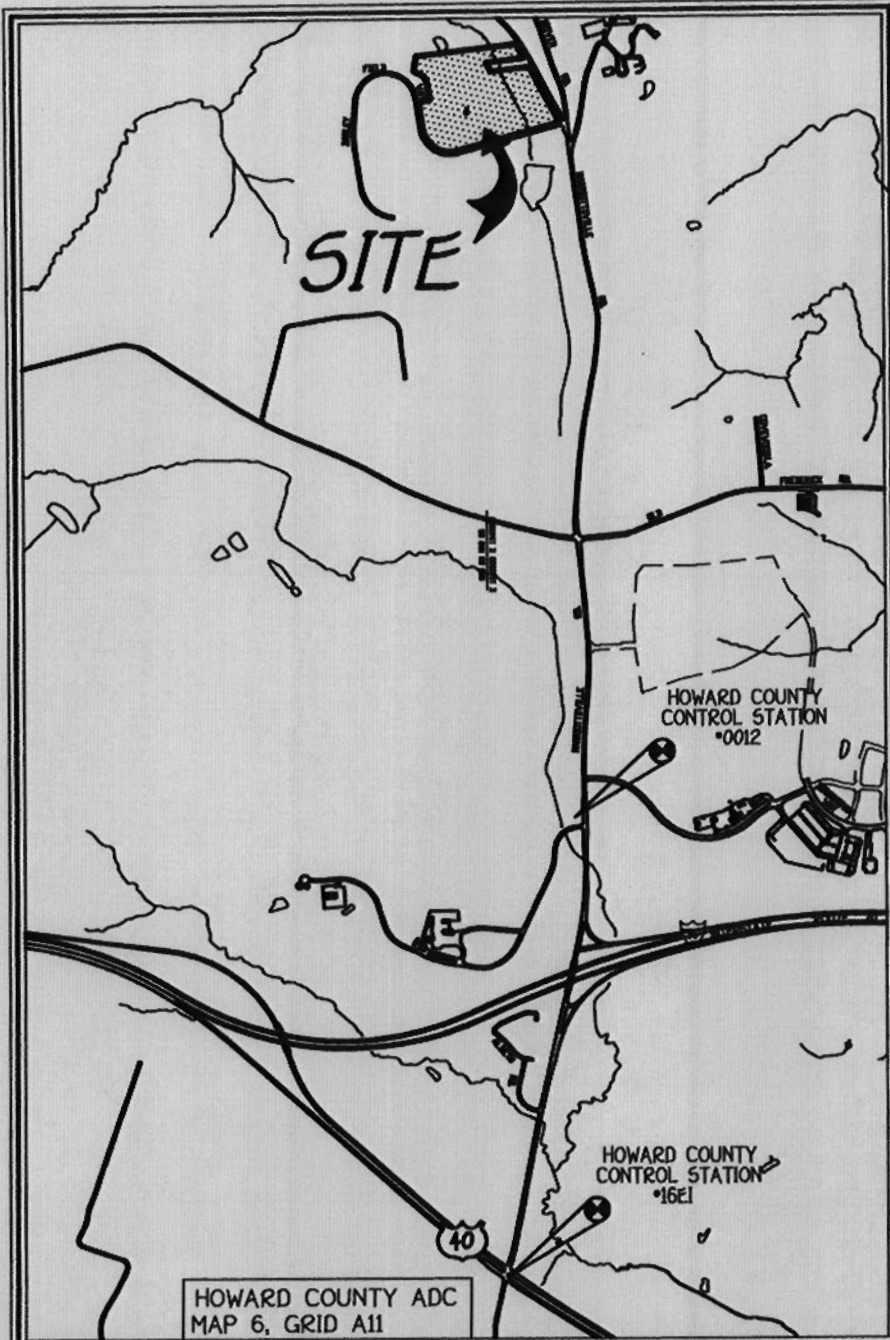
**SOILS LEGEND**

SOIL	NAME	CLASS
BeB	Benevol silt loam, 3 to 8 percent slopes	B
BeC	Benevol silt loam, 8 to 15 percent slopes	B
Co	Codorus and Hixboro silt loams, 0 to 3 percent slopes	C
GgB	Glenly loam, 3 to 8 percent slopes	B
GgC	Glenly loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
GnC	Glenville-Salle silt loams, 0 to 8 percent slopes	C
HmD	Hixor loam, 15 to 25 percent slopes	B
HmD	Hixor-Bannertown sandy loams, 15 to 25 percent slopes, rocky	B

- NOTES:**
- Hydric soils and/or contains hydric inclusions
  - May contain hydric inclusions
  - † Generally only within 100-year floodplain areas
- GENERAL NOTES:**
- This Area Designates A Private Sewage Area Of At Least 10,000 Square Feet As Required By The Maryland State Department Of The Environment For Individual Sewage Disposal Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available. These Areas 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 Sewage Area. Recordation Of A Modified Sewage Area Shall Not Be Necessary.
  - The Lot Shown Hereon Complies With The Minimum Ownership, Width, And Lot Area As Required By The Maryland State Department Of The Environment.
  - Existing Wells, Septic Systems, And Sewage Disposal Areas Within 100' Of The Property And Those Wells Within 200' Down Gradient Of Existing Or Proposed Septic Systems Or Sewage Disposal Areas Have Been Shown.
  - Well Shall Be Drilled Prior To Building Permit Approval.
  - Topography Shown Is At Two-foot Contour Intervals And Has Been Field Verified By Fisher, Collins And Carter, Inc. On Or About July, 2009.
  - Any Changes To A Private Sewage Area Shall Require A Revised Perc Certification Plan.
  - Due To A Discrepancy With The Percolation Test Hole Locations, The Sewage Disposal Area For The Existing House On Preservation Parcel H Will Need To Have Additional Percolation Testing Completed At The Time Of A Septic Repair For The Existing Septic System Or At The Time Modifications Are Made To The Existing Home, Whichever Occurs First.
  - Post Barn Constructed Without Concrete Footers Or Foundation.
9. the knant house SDA can support up to a 4 bedroom maximum.



I:\2008\08045.dwg\08045 Perc Plan.dwg, 8/10/2009 1:30:42 PM, tony, 1:10



**VICINITY MAP**  
SCALE: 1" = 2000'

**LEGEND**

- FP- EXISTING LIMIT OF 100 YEAR FLOODPLAIN AND DRAINAGE AND UTILITY EASEMENT PLAT NO. 13114
- WL- EXISTING WETLAND LIMIT PLAT NO. 13114
- WB- EXISTING WETLAND BUFFER PLAT NO. 13114
- [Hatched Box] EXISTING PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
- [Hatched Box] EXISTING 50' PUBLIC DRAINAGE & UTILITY EASEMENT PLAT NO. 13114
- [Hatched Box] EXISTING 20' PRIVATE INGRESS/EGRESS EASEMENT FOR LOT 41 AND STATE OF MARYLAND PARCEL 3 PLAT NO. 13114
- [Hatched Box] EXISTING EQUESTRIAN ACCESS EASEMENT PLAT NO. 13114

**LEGEND**

- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- [Wavy Line] EXISTING TREE LINE
- [GLB2/MLC2] SOIL LINES AND TYPES
- [Circle with F] DENOTES FAILED PERC
- [Circle with dot] DENOTES PASSED PERC
- [Square with X] DENOTES PROPOSED HOUSE
- [Shaded Box] DENOTES 15%-24.9% SLOPES
- [Dark Shaded Box] DENOTES 25% AND GREATER SLOPE
- [Circle with dot] DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- [Circle with dot] EXISTING WELL LOCATION

**OWNER/DEVELOPER**

Raymond & Barbara Brookhart  
11300 Barley Field Way  
Marriottsville Md, 21104  
Phone • (410) 442-1044

**PERC CERTIFICATION**

I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor  
Terrell A. Fisher, Professional Land Surveyor No. 10692

8/10/09  
Date

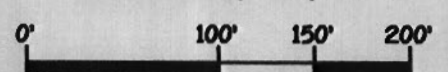
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.

B. Wilton for Peter Beilenson  
COUNTY HEALTH OFFICER

8/19/2009  
DATE

**PERC CERTIFICATION PLAT  
WOODFORD'S GRANT  
PRESERVATION PARCEL 'H'**

Tax Map: 10 Parcel: 27 Grid: 16  
Third Election District  
Howard County, Maryland



Scale: 1" = 100'  
Date: August 10, 2009

SOILS LEGEND		
SOIL	NAME	CLASS
BeB	Benevolit silt loam, 3 to 8 percent slopes	B
BeC	Benevolit silt loam, 8 to 15 percent slopes	B
Co	Codorus and Harboro silt loams, 0 to 3 percent slopes	C
GgB	Glenville loam, 3 to 8 percent slopes	B
GgC	Glenville loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
GmC	Glenville silt loam, 8 to 15 percent slopes	C
HmD	Minor loam, 15 to 25 percent slopes	A
HgD	Minor-Bannertown sandy loam, 15 to 25 percent slopes, rocky	B

- NOTES**
- Hydric soils and/or contains hydric inclusions
  - May contain hydric inclusions
  - † Generally only within 100-year floodplain areas

**GENERAL NOTES:**

1. This Area Designates A Private Sewage Area Of At Least 10,000 Square Feet As Required By The Maryland State Department Of The Environment For Individual Sewage Disposal Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available. These Areas 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 Sewage Area. Recordation Of A Modified Sewage Area Shall Not Be Necessary.
2. The Lot Shown Hereon Complies With The Minimum Ownership, Width, And Lot Area As Required By The Maryland State Department Of The Environment.
3. Existing Wells, Septic Systems, And Sewage Disposal Areas Within 100' Of The Property And Those Wells Within 200' Down Gradient Of Existing Or Proposed Septic Systems Or Sewage Disposal Areas Have Been Shown.
4. Well Shall Be Drilled Prior To Building Permit Approval.
5. Topography Shown Is At Two-foot Contour Intervals And Has Been Field Verified By Fisher, Collins And Carter, Inc. On Or About July, 2009.
6. Any Changes To A Private Sewage Area Shall Require A Revised Perc Certification Plan.
7. Due To A Discrepancy With The Perculation Test Hole Locations, The Sewage Disposal Area For The Existing House On Preservation Parcel H Will Need To Have Additional Perculation Testing Completed At The Time Of A Septic Repair For The Existing Septic System Or At The Time Modifications Are Made To The Existing Home, Whichever Occurs First.
8. Post Barn Constructed Without Concrete Footers Or Foundation.
9. The Knant house SDA can support up to a 4 bedroom maximum.