

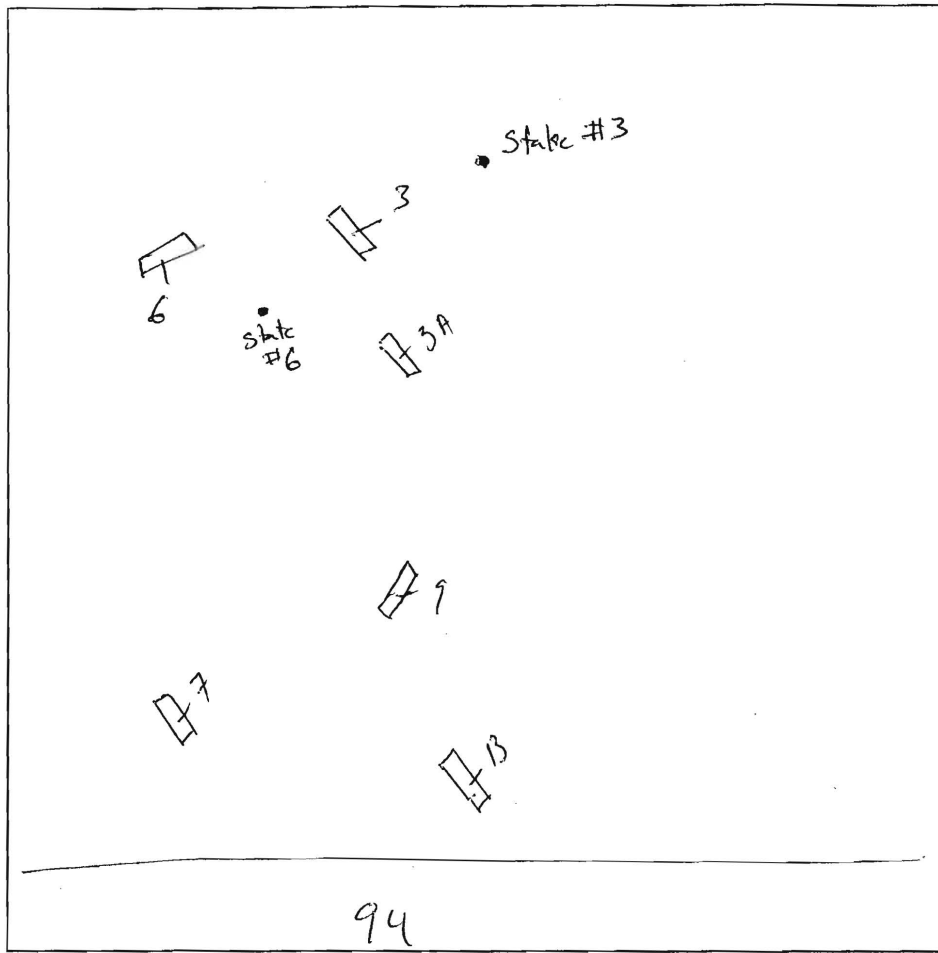
A/P

8

Brown L 1
 Red/orange MICAS SL 5
 Yellow/Brown SL w/ trace Rock 13

9
 Brown L 11
 Yellow/Brown SL 3
 Yellow/Brown SL w/ trace Rock 13
 H₂O 13

3/3A
 Brown L 11
 Brown/Red heavy SL 5
 Yellow/Brown SL 6 1/2
 Yellow/Brown SL w/ 10% PLATE mica schist 9
 H₂O 13



6
 Brown L 1
 Red/orange SL 3 1/2
 Yellow/Brown SL w/ trace Rock 6
 H₂O 9

7
 Brown L 1
 Orange/Red Brown MICAS SL 4 1/2
 Yellow/Brown MICAS SL w/ 5-10% Cobble Rock 13
 H₂O 14

13
 Brown L 1
 Red/orange MICAS SL 4 1/2
 Yellow/Brown MICAS SL w/ trace Rock 14

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	PIF/H
4/4/06	8	5 / 13	8:50	8:55	9:00	5min	P
	9	3 / 13	8:04	8:10	8:17	7min	P
	3	5 / 13	8:59	Pulled @	9:20	Slow	F
	6	- / 9	-	Visid-		Deep chg/1420	F
	7	4 1/2' / 14	8:33	8:41	8:51	10min	P
	13	4 1/2' / 14	8:40	8:49	9:03	12min	P
	3A	5 / 13	9:20	9:31	9:51	20min	P

REMARKS OK to adjust Easement upslope toward 94
 SANITARIAN KJB BACKHOE Davis Fege OTHERS Tim Fege
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 10.8 SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



Howard County
Health Department

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 4, 2006

Willis Lambert Cissel
3425 Hipsley Mill Road
Woodbine, Maryland 21797

Re: Wet Season Perc Test Results
Cissel Property

To Whom It My Concern:

Percolation testing conducted 4/4/06 on the referenced property indicated satisfactory 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:

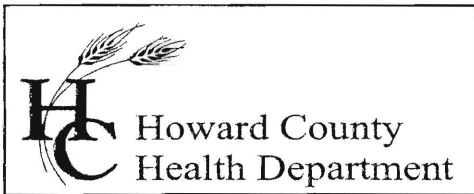
- 1) Actual locations and elevations of all excavated test holes
- 2) Proposed house, well and septic system
- 3) Locations of any other relevant features such as streams, swales, or existing structures
- 4) A note must be included certifying that all existing wells and septic systems within 100 feet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

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
Development Coordination Section

KJB
Enclosures
Cc: Heritage Land Development
File



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046
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TDD (410) 313-2323 Toli Free 1-866-313-6300
website: www.hchealth.org

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

October 19, 2005

Mr. Willis Cissel
3425 Hipsley Mill Rd
Woodbine MD, 21797

RE: **Percolation Test Application**
Application: A523478
Proposal: Subdivision
Property ID: Route 94 ,Pres Parcel A
Woodbine, MD
Tax Map: 7 Parcel #136


Mr Cissel:

This office has recently received the above referenced percolation test application; however, we are unable to schedule a test date at this time. Based on the most recent NRCS soil survey wet season & do not test soils are present on the referenced property. Any percolation testing shall be conducted only in the spring wet season, when seasonal groundwater tables levels are highest.

Assuming you wish to proceed with the subdivision proposal, you shall be notified of the percolation test date for the property once the beginning of the spring wet season has been determined.

Thank you in advance for your time and cooperation regarding this matter. If you have any questions or concerns, please contact me at the address below or by calling (410) 313-2691.

Sincerely,



Peter A. Yencsik
Water and Sewerage Program
Development Coordination Section

PAY

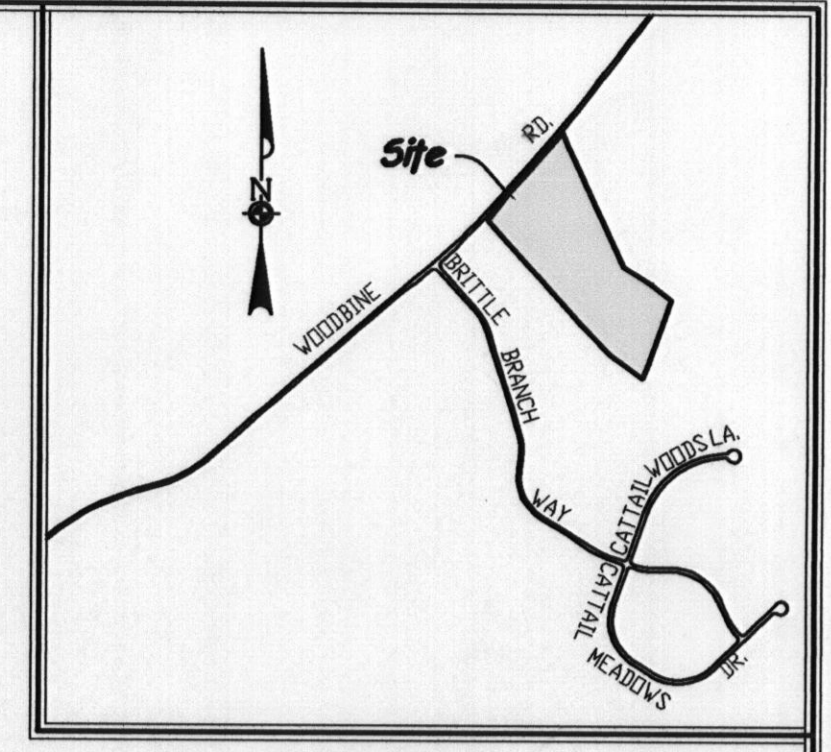
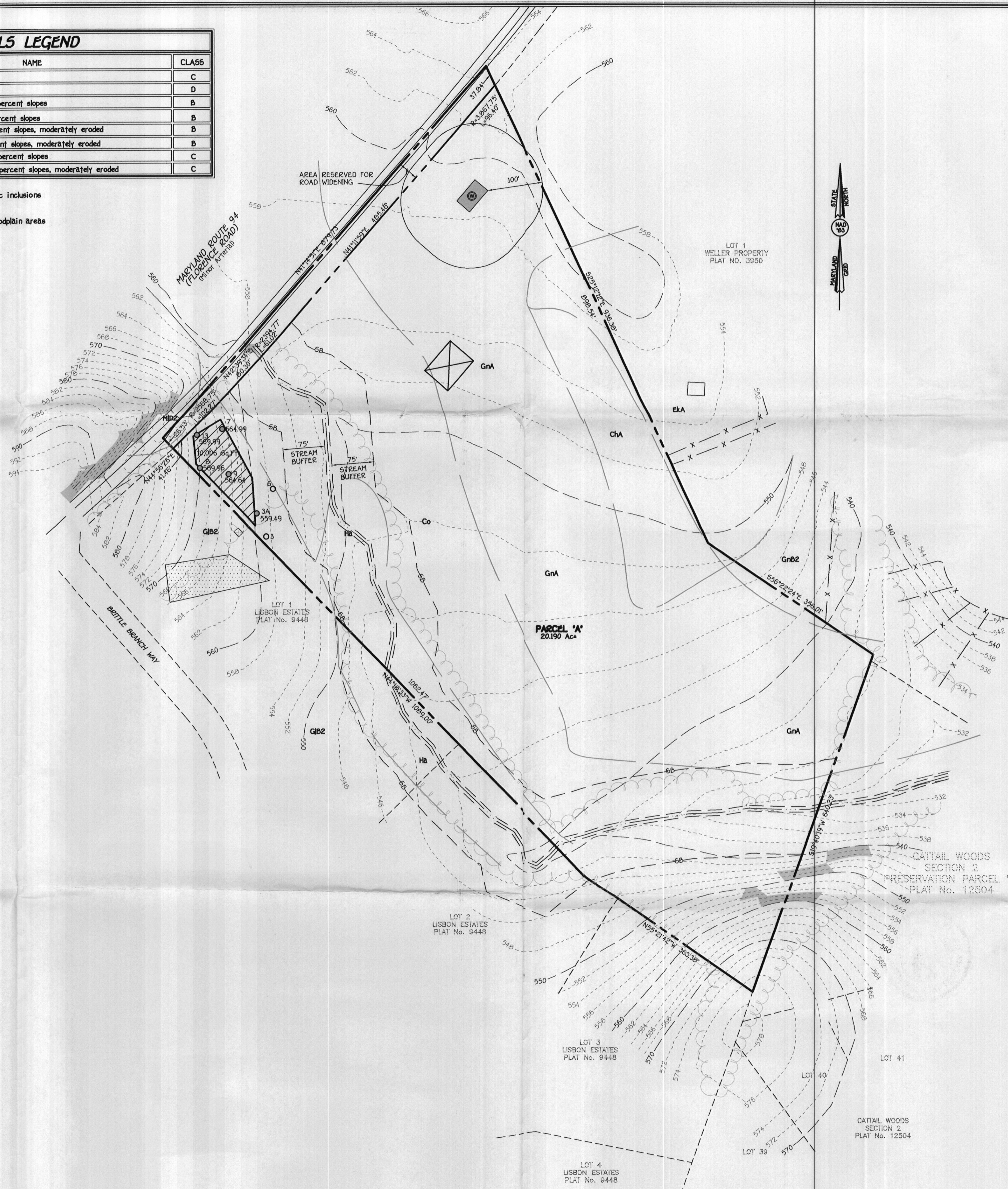
Cc: file
Heritage Land Development
FCC.

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES PROPOSED HOUSE
- DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

SOILS LEGEND		
SOIL	NAME	CLASS
* Co	Codorus silt loam	C
** Ha	Hatboro silt loam	D
ChA	Chester silt loam, 0 to 3 percent slopes	B
Eka	Eloak silt loam, 0 to 3 percent slopes	B
MID2	Manor loam, 15 to 25 percent slopes, moderately eroded	B
GIB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
* GnA	Glenville silt loam, 0 to 3 percent slopes	C
* GrB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C

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 SEWERAGE EASEMENT OF 10,000 SQUARE FEET 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 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 ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPERS RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
7. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
8. THIS PLAT IS BASED ON FIELD BOUNDARY SURVEY CONDUCTED BY FISHER, COLLINS AND CARTER, INC. ON SEPTEMBER 2001.
9. DEED REFERENCE LIBER 4272 FOLIO 307.
10. SEPTIC LINE WILL BE INSTALLED BY HORIZONTAL DRILLING.

PERC CERTIFICATION
 I certify that the location 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 Engineer: *Terrell A. Fisher* 5/15/06
 Terrell A. Fisher, Professional Engineer No. 10692 DATE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 Signature of Professional Engineer: *Willis Lambert Cissel, Jr.* 5/22/06
 COUNTY HEALTH OFFICER DATE

**PERC CERTIFICATION PLAT
 WILLIS LAMBERT CISSEL, JR.
 PARCEL 'A'**

TAX MAP #7 ZONED:RC-DEO PARCEL: 136
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' DATE: MAY 15 2006

SIGNED PERC CERT 5/22/06