

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

22
9am

TEST DATE(S) _____ TEST TIME _____ AP 526216
AGENCY REVIEW: _____ DATE 2/2/07

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)
- pool house

PROPERTY OWNER(S) Todd + Kristen Sachs

DAYTIME PHONE 410-599-8323 CELL Same FAX -

MAILING ADDRESS 7089 Mink Hollow Road Highland MD 20777
STREET CITY/TOWN STATE ZIP

APPLICANT Todd Sachs

DAYTIME PHONE Same CELL 410-599-8323 FAX -

MAILING ADDRESS: Same
STREET CITY/TOWN STATE ZIP

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

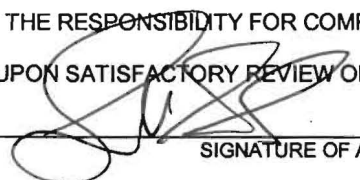
PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME HUGHES Property LOT NO. 2

PROPERTY ADDRESS 7089 Mink Hollow Road Highland
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID 8 PARCEL(S) 328 PROPOSED LOT SIZE 4.88

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
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

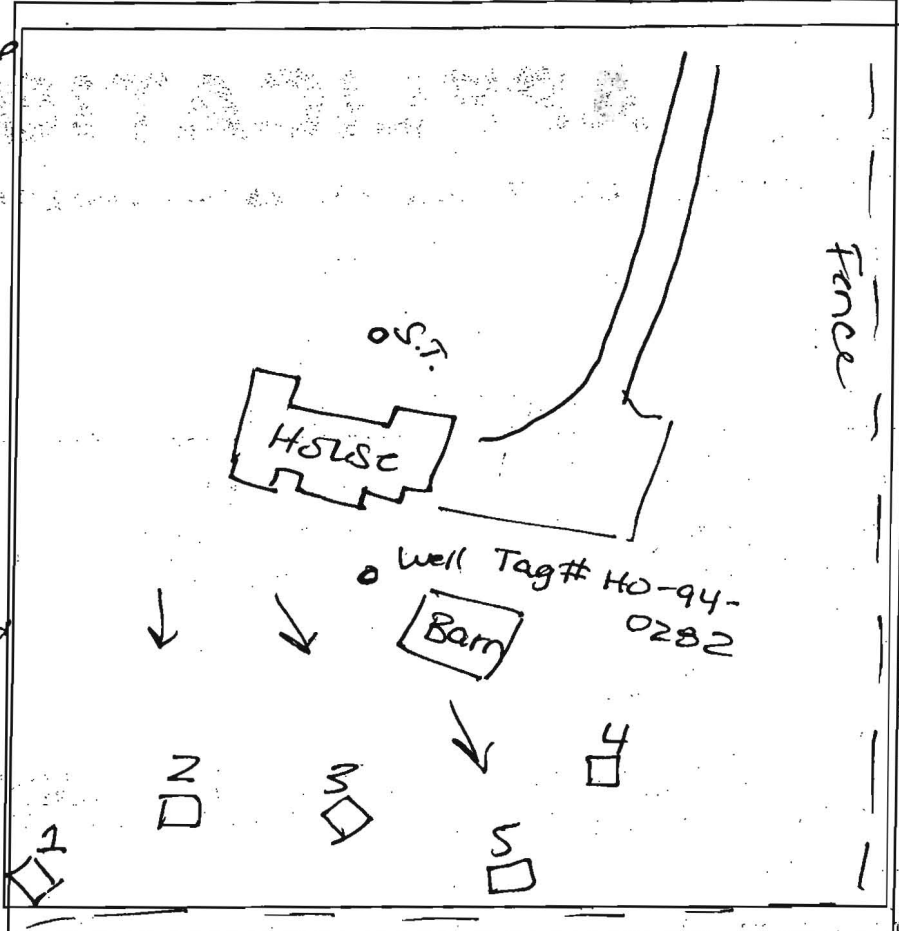
mink Hollow Rd

AP 526216

4
8" Brn L
2' RD Brn CL
RD Brn Si L micaeous
4.5' RD Brn FSL micaeous
7' saprolite weathered shale

5
8" Brn L
3' RD Brn CL
RD Brn Si L micaeous
6.5' Yell Brn FSL micaeous
8' saprolite weathered shale

3
8" Brn L
5' RD Brn CL
RD Brn FSL micaeous
6' Brn FSL micaeous
15' Saprolite weathered shale



2
8" Brn L
3' RD Brn CL
6' RD Brn FSL micaeous Saprolite
15' Yell Brn SL Saprolite weathered shale

1
8" Brn L
3' RD Brn CL
5' RD Brn SL dense micaeous
5' saprolite weathered shale
6' Brn SL micaeous Saprolite
14'

Holes plug Per Plan

DATE	TEST #	DEPTH	START	BREAK		STOP	TIME OF	P/F/H
				1" DROP	2" DROP			
2/22/07	4	5' / 14'	9:44	9:50	10:00	10	P	
	5	6.5' / 15'	9:50	10:00	10:29	29	P	
	3	5' / 15'	10:25	10:33	10:42	9	P	
	2	6' / 15'	10:34	10:38	10:43	5	P	
	1	6' / 14'	11:05	11:07	11:10	3	P	

REMARKS: Ex. well is above grade w/ the Picce cap

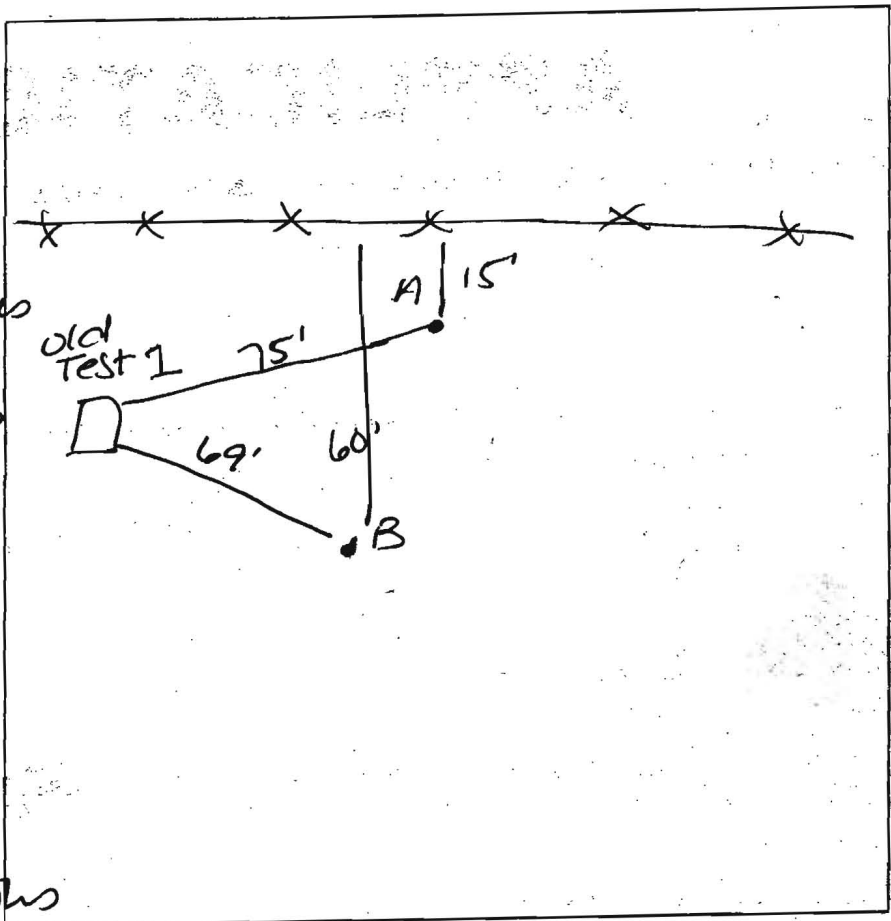
SANITARIAN: AT BACKHOE: Fyock OTHERS:

TEST HOLES USED IN SDA: _____ INLET DEPTH: _____ MAX. BOT DEPTH: _____ AVG. PERC TIME: _____ SQ. FT/BR: _____

TRENCH WIDTH: _____ INLET DEPTH: _____ MAX. BOT DEPTH: _____ EFFECTIVE SW: _____

QAP 526216

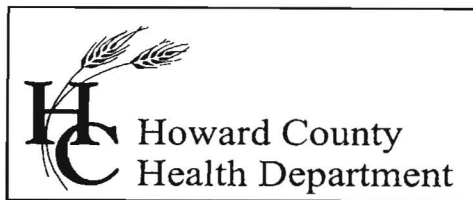
A
 6" Bm L
 RDBm
 3' gr CL
 micaeolus
 RDBm
 micaeolus
 4' SL
 gravel



B
 1' DK Bm L
 Bm CL
 gr micaeolus
 3.5' RDBm
 micaeolus
 FSL
 5' RDBm
 SL gr
 micaeolus
 6.5' mica

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/28/07	A+B						

REMARKS _____
 SANITARIAN OUT/SF BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 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

March 1, 2007

Todd and Kristen Sachs
7089 Mink Hollow Road
Highland, MD 20777

RE: PERCOLATION TEST RESULTS – A526216
7089 Mink Hollow Road

Dear Mr. and Mrs. Sachs:

Percolation testing conducted February 22, 2007 on the above referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission of a percolation certification plan showing the following:

- 1) Actual surveyed locations and elevations of all excavated test holes
- 2) Existing and proposed house site, including building restriction lines as determined by other County agencies, and driveway location
- 3) Existing property lines
- 4) Existing well site with a statement indicating that the existing well (please reference the tag number) has been field located by the engineer/surveyor and is correctly shown.
- 5) Proposed 10,000 square foot sewage disposal area
- 6) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) All existing and proposed wells that are located within 200 feet down-gradient of existing or proposed septic systems and sewage disposal easements.
- 8) A note stating the engineer used all reasonable efforts to find the location of all surrounding wells and septic systems
- 9) Topography needs to be shown at 2 foot contour intervals and a note certifying topography was field run and verified and reflects field-matched information
- 10) A MDE sewage disposal area statement is required
- 11) MDE minimum lot width statement
- 12) Include the statement, "Any changes to a private sewage easement shall require a revised Percolation Certification Plan"
- 13) Identification of streams, ponds, wetlands, floodplains, slopes >25%, soil types and soil type boundaries
- 14) Legend symbols to distinguish between new holes, any existing holes previously documented (by the HCHD), passed holes, failed holes, and any holes held for future review
- 15) Existing structures, wells, septic easements and other septic system components such as tanks, dry wells and distribution boxes. Description of use and intent designated for each item, e.g. 'to remain' or 'remove.'
- 16) A health officer signature block stating "approved for private water and private sewer systems."
- 17) 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."
- 18) 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, percolation certification plan etc

- 19) Name, address and telephone number of each owner, developer and the plan author.
- 20) 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)

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Sincerely,



Well and Septic Program
Development Coordination Section

Enclosures

Cc: File *AT*

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

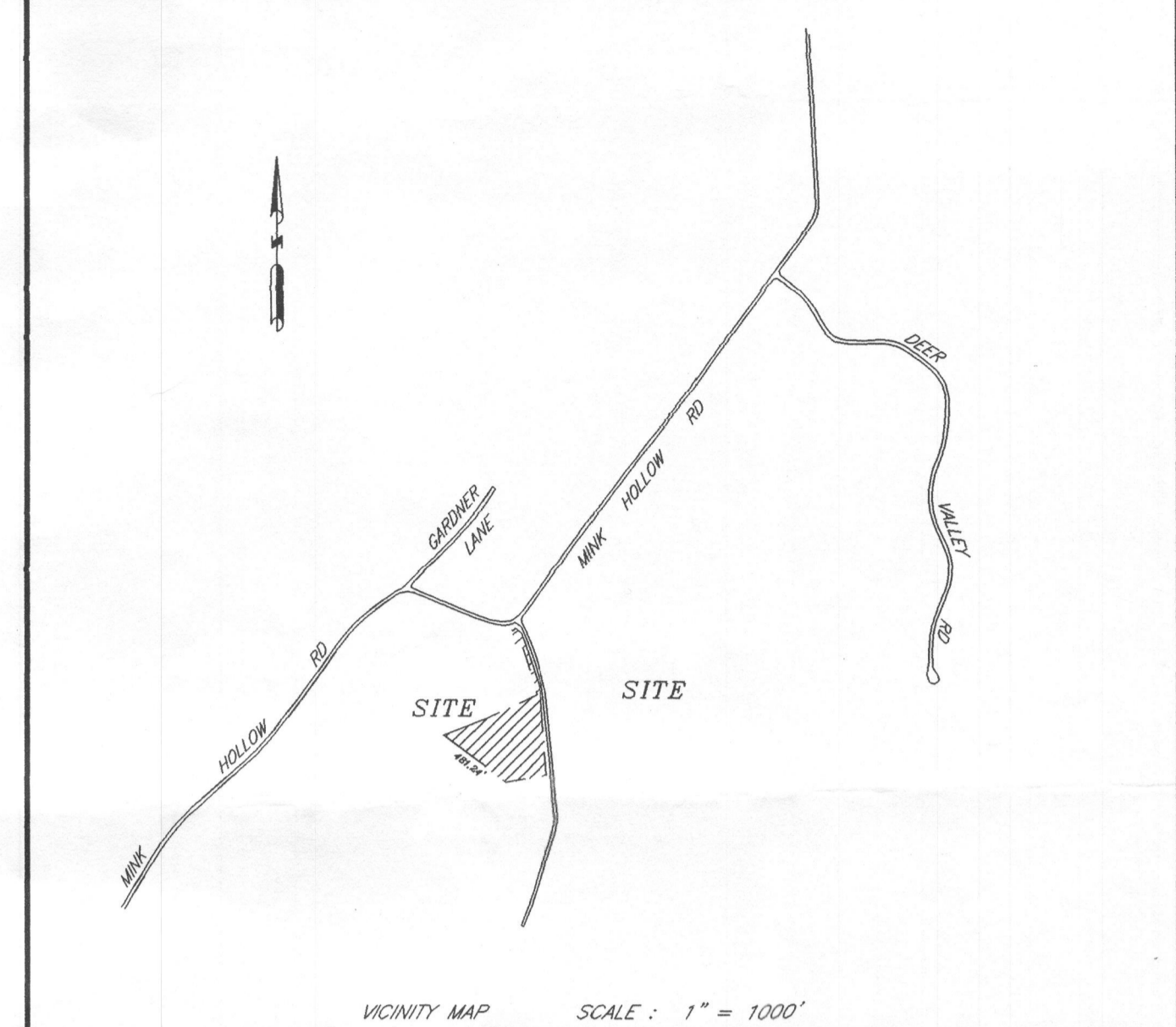
Robert J. Wade 5/1/07
HOWARD COUNTY HEALTH OFFICER AT 1700 DATE

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.

Douglas W. DuVal 4-26-07
Douglas W. DuVal, LS Date



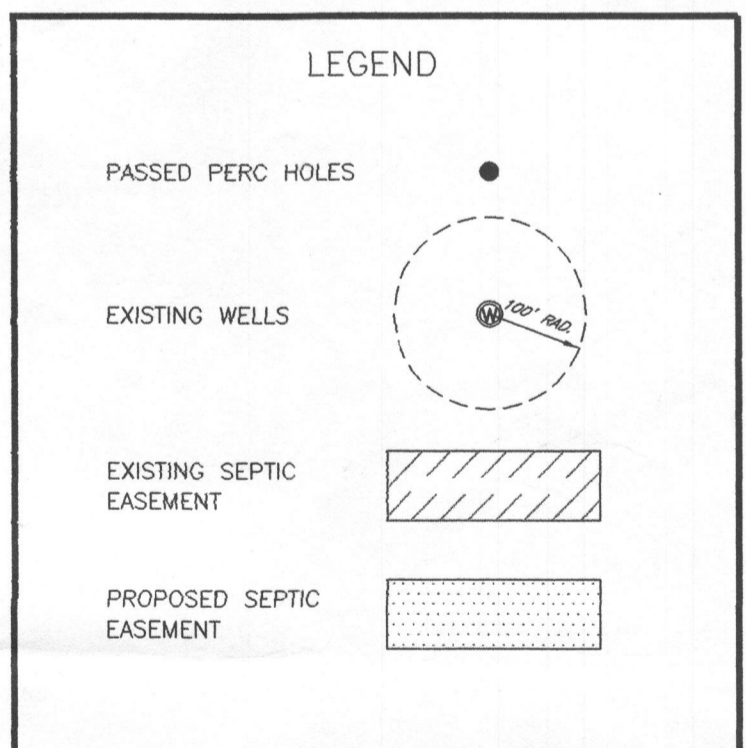
PLAT
0370



- GENERAL NOTES:
- SUBJECT PROPERTY ZONED RR-DEO
 - BOUNDARY SHOWN HEREON IS BASED ON DEED INFORMATION.
 - PROPERTY INFORMATION:
TODD & KRISTEN SACHS
7089 MINK HOLLOW ROAD
TAX MAP 40, P/O PARCEL 328, LOT 2
DEED REFERENCE: 10150/089
SITE AREA: 4.8832 ACRES ±
SOIL TYPE (USGS):
MB2, MATTAPEX SILT LOAM, 3 to 8 PERCENT SLOPES, MODERATELY ERODED
MIC3, MATTAPEX SILT LOAM, 8 to 15 PERCENT SLOPES, MODERATELY ERODED
HOWARD COUNTY FILE #A526216
 - TOPOGRAPHIC DATA SHOWN HEREON IS BASED ON HOWARD COUNTY 200 SCALE TOPOGRAPHIC MAPS.
 - BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE.
 - SOILS DATA BASED ON HOWARD COUNTY SOIL SURVEY.
 - PRIVATE WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
 - THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE 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 VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, AND RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
 - ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - ALL EXISTING WELLS AND SEWERAGE EASEMENTS WITHIN 100' OF THE PROPERTY LINE HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEFS.
 - EXISTING SEPTIC EASEMENT TO REMAIN AND SERVICE THE EXISTING DWELLING.
 - EXISTING SEPTIC EASEMENT WAS PREVIOUSLY APPROVED BY THE HOWARD COUNTY HEALTH DEPARTMENT BASED ON THE APPROVED PLAT ENTITLED 'HUGHES PROPERTY', LOTS 1 and 2 PLAT REF #9378, DATED MAY 18, 1990.
 - TOPOGRAPHY OVER PROPOSED SEPTIC EASEMENT WAS FIELD RUN (4-20-07).

SEPTIC SYSTEM DATA

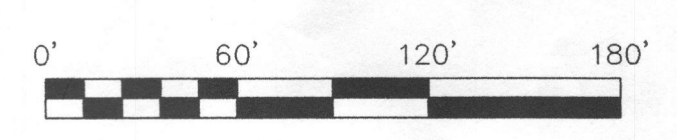
FIRST FLOOR ELEVATION:	458.00
INV. OUT OF POOL HOUSE:	454.50
PROP. INV. IN SEPTIC TANK:	454.00
PROP. INV. IN SEPTIC TANK:	453.70
TOP OF SEPTIC TANK:	455.00
EX. ELEVATION AT SEPTIC TANK:	456.00
EX. ELEVATION AT DISTRIBUTION BOX:	454.60
PROP. INV. IN DISTRIBUTION BOX:	453.40



**PERC CERTIFICATION PLAT
POOLHOUSE AT SACHS RESIDENCE
7089 MINK HOLLOW ROAD**

5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=60' DATE: APRIL 4, 2007

DATE	REVISION
04-24-07	REVISED PER COUNTY COMMENTS 4-20-07 and 4-24-07.
04-26-07	REVISED SEPTIC SYSTEM DATA



DUVAL & ASSOCIATES, P.A.
SURVEYING • ENGINEERING
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LUTHERVILLE, MD 21093
PHONE: 410-666-5467 FAX: 410-583-4688
E-MAIL: DUVALAPA@VERIZON.NET

106078A DRAWINGS 070403-PERC-RESULTS.dwg - 4/26/2007 12:08:54 PM 1/50