



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 526287

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 ONE:

- ☐ CREATE NEW LOT(S)
☐ BUILD ON AN EXISTING LOT IN A SUBDIVISION
☒ BUILD ON AN EXISTING PARCEL OF RECORD

CHECK AS NEEDED:

- ☒ NEW STRUCTURE(S) EX: FOUNDATION TO BE REMOVED
☐ ADDITION TO AN EXISTING STRUCTURE
☐ REPLACE AN EXISTING STRUCTURE

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) SHALEHEARTH, L.C. (ATTN: MICHAEL CHARLTON)

DAYTIME PHONE (410) 1720-3021 CELL _____ FAX (410) 720-3035

MAILING ADDRESS 5094 DORSEY HALL DRIVE, SUITE 104, ELLICOTT CITY, MD 21042
STREET CITY/TOWN STATE ZIP

APPLICANT JOHN E. HARMS, JR & ASSOC, INC.

DAYTIME PHONE (301) 631-2027 EXT 112 CELL (240) 674-7974 FAX (301) 631-2028

MAILING ADDRESS 41 EAST ALL SAINTS ST, SUITE 210, FREDERICK, MD 21701
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 10111 SADDLEBROOK FARM TRAIL LOT NO. PAR. 36

PROPERTY ADDRESS 10111 SADDLEBROOK FARM TRAIL, WOODSTOCK, MD 21163
STREET TOWN/POST OFFICE ZIP

TAX MAP PAGE(S) 11 GRID 13 PARCEL(S) 36 PROPOSED LOT SIZE 1.75 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.

Stephanie Demchik
SIGNATURE OF APPLICANT

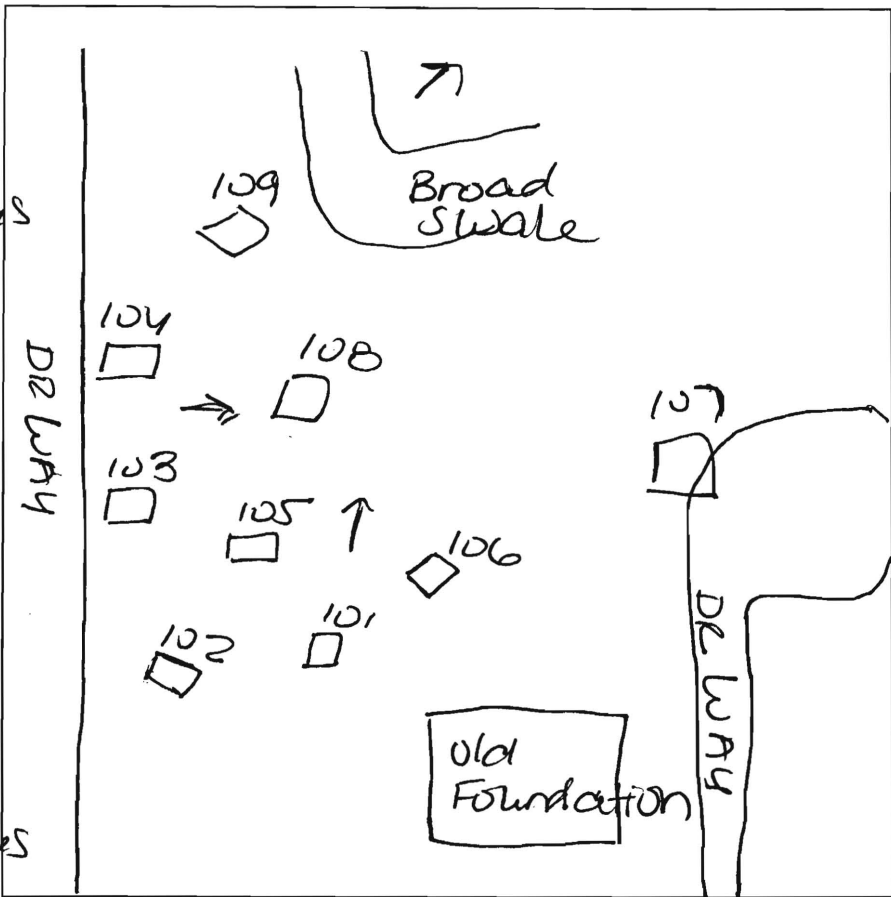
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

BP 526287

100
1' Bm L
RD Bm
CL micaceous
4' Bm ch
SL
8' Bm ch
LS
Saprolite
10' HB

101
1' Bm L
RD Bm
CL micaceous
4.5' DK Bm
SL micaceous
Saprolite
7' Bm/gr/wh
LS
Wk cem
Saprolite
12'

102
1' Bm L
Bm gr
CL micaceous
5' RD Bm
SL
micaceous
6' LT Bm/gr
LS
Wk cem
Saprolite
16'



103
1' Bm L
RD Bm
micaceous
CL
5' RD Bm
micaceous
SL Saprolite
8' Bm/gr Bk
LS Saprolite
16'

104
1' Bm L
Bm
micaceous CL
4.5' Yell/RD Bm
SL micaceous
Saprolite
6' Bm/gr LS
7' 45% cherty/
HB Stony
12'

108
1' Bm L
RD Bm
micaceous
SCL
5' Bm SL
Saprolite
micaceous
8' Pale Bm
LS
Saprolite
13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/17/07	100	5' 10'	9:08	9:10	9:12	2	P
	101	5' 12'	9:23	9:26	9:31	5	P
	102	5' 16'	9:36	Pulled Slow			
		6' 16'	10:07	10:20	10:40	20	P
	103	4' 16'	9:48	9:49	9:53	4	P
	104	5' 12'	10:01	10:04	10:09	5	P
	108	5.5' 15'	10:17	10:19	10:22	3	P

REMARKS: *Tested during Wet season
 SANITARIAN: AT BACKHOE: Penny Heap OTHERS:
 TEST HOLES USED IN SDA: AVG. PERC TIME: SQ. FT/BR:
 TRENCH WIDTH: INLET DEPTH: MAX. BOT DEPTH: EFFECTIVE S/W:

107

1' Bm L
 1' 20 Bm micaeous CL
 3' Pale Bm FSL
 5' Bm SL micaeous Saprolite
 7' Bm lgr/BLK LS
 18' Wk cem Saprolite micaeous

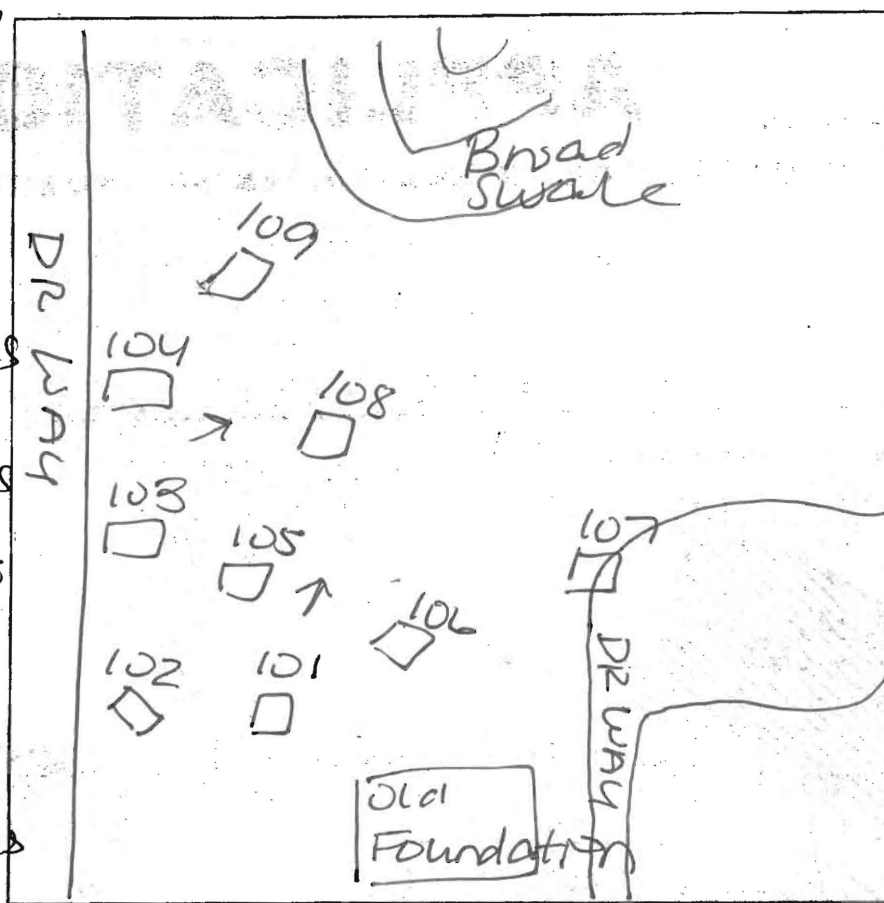
② S26287

109

1' Bm L
 1' Pale Bm v dense SCL
 9' micaeous
 Pale Bm micaeous SL
 Saprolite

105

1' Bm L
 1' Bm SCL micaeous
 4' Bm SL micaeous
 4'-8' gravel from old Trench
 8' Pale Bm LS
 13' micaeous Saprolite



CAREY Lane

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2ND INCH	P/F/H
4/11/07	109	visual	deep clay				F
	105	visual					P
	107	5.5' 13'	10:59	11:02	11:08	6	P

REMARKS

* Tested during wet season

SANITARIAN

AT

BACKHOE

Tony Hap

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

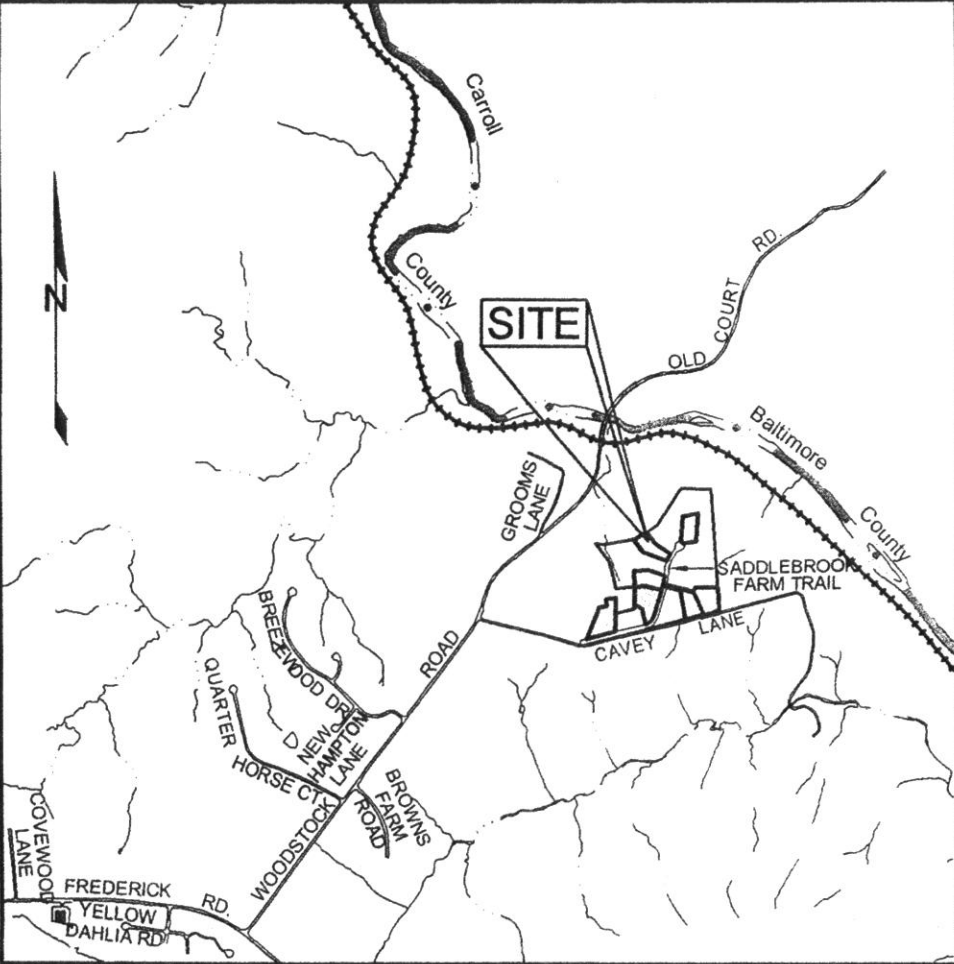
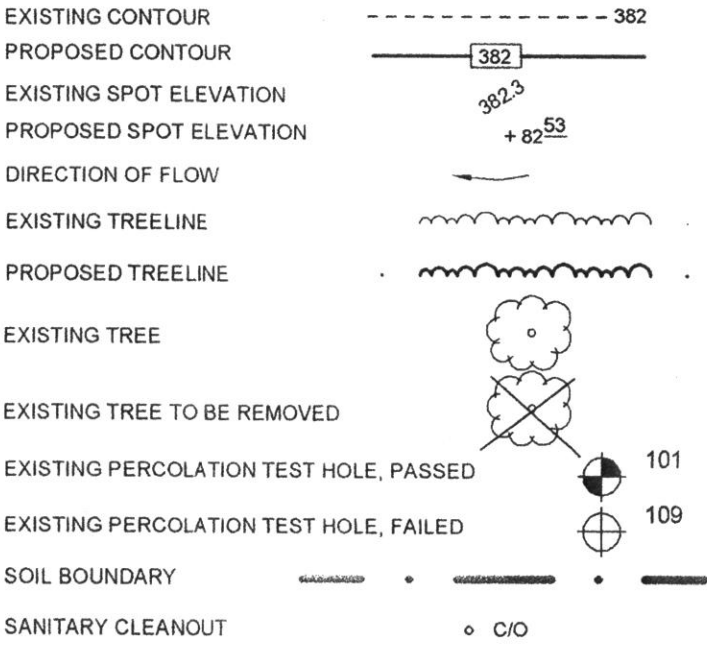
MAX. BOT DEPTH

EFFECTIVE SW

SEPTIC AREA CHART		
LOT / PARCEL	PREVIOUSLY APPROVED AREA	NEW AREA
PARCEL 36	10,074 SQ.FT.	10,076 SQ.FT.
PRES. PARCEL F	10,009 SQ.FT.	10,010 SQ.FT.



LEGEND



VICINITY MAP
SCALE: 1"=200'

GENERAL NOTES

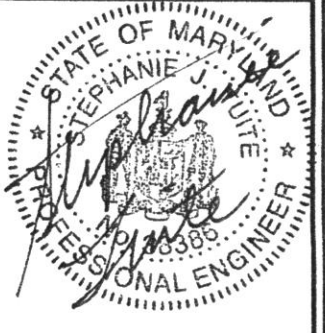
- SUBJECT PROPERTY ZONED RC-DEO PER 02/02/04 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF PARCELS = 3.39 AC± (147,880 SQ.FT.).
- PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT, OF AT LEAST 10,000 SF AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- BOUNDARY SHOWN HEREON IS BASED ON A BOUNDARY SURVEY PREPARED BY FSH, DATED FEBRUARY 2002.
- TOPOGRAPHY IS BASED ON A FIELD RUN TOPOGRAPHICAL SURVEY PERFORMED BY FSH, DATED FEBRUARY 2002 AND ROAD GRADING PROPOSED UNDER F-06-042. OFF-SITE AND NON-CRITICAL TOPOGRAPHY IS BASED ON HOWARD COUNTY AERIAL TOPOGRAPHIC MAPS WITH 5 FOOT CONTOURS.
- PROPERTY ADDRESS: 10111 & 10141 SADDLEBROOK FARM TRAIL.
- DEED REFERENCE: LIBER 8920, FOLIO 421.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- THE EXISTING WELLS SHOWN ON THIS PLAN, WELL TAG #95-0333, #95-0343, #95-0505, AND WELL NOT TAGGED ON PARCEL 36, HAVE BEEN FIELD LOCATED BY SILL, ADCOCK & ASSOCIATES, LLC IN APRIL 2010 AND ARE ACCURATELY SHOWN.
- ANY ADDITIONAL CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWN-GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS HAVE BEEN FIELD LOCATED.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED FOREST CONSERVATION EASEMENT AREAS.
- THERE ARE NO WETLANDS, FLOODPLAINS, HISTORIC STRUCTURES OR CEMETERIES LOCATED ON-SITE.
- FOREST CONSERVATION HAS BEEN PROVIDED FOR THESE LOT UNDER F-06-042. PARCEL 36 WILL FILE A NOTICE OF INTENT FOR CLEARING LESS THAN 40,000 SQ.FT. OF FOREST.
- FOREST CONSERVATION EASEMENT: THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENTS ARE ALLOWED.
- THE PURPOSE OF THIS PLAN IS TO REVISE THE SEPTIC EASEMENTS FOR THE PROPOSED DWELLINGS ON PARCEL 36 AND PRESERVATION PARCEL F.

OWNER	DEVELOPER
SHALEHEARTH, L.C. 6820 ELM STREET, SUITE 200 MC LEAN, VIRGINIA 22101 703.734.9730	NV HOMES 6085 MARSHALLEE DRIVE, SUITE 130 ELK RIDGE, MARYLAND 21075 410.379.5956

AMENDED PERC CERTIFICATION PLAN
SADDLEBROOK FARM
PARCEL 36 &
PRESERVATION PARCEL F

TAX MAP 11 GRID 13
3RD ELECTION DISTRICT

PARCELS 36 & 19
HOWARD COUNTY, MARYLAND



Sill · Adcock & Associates · LLC
Engineers · Surveyors · Planners
3300 North Ridge Road, Suite 160
Ellicott City, Maryland 21043
Phone: 443.325.7682 Fax: 443.325.7685
Email: info@saasland.com

DESIGN BY:	SJT
DRAWN BY:	SJT
CHECKED BY:	PS
SCALE:	1"=50'
DATE:	JULY 13, 2010
PROJECT #:	10-018
SHEET #:	1 of 1

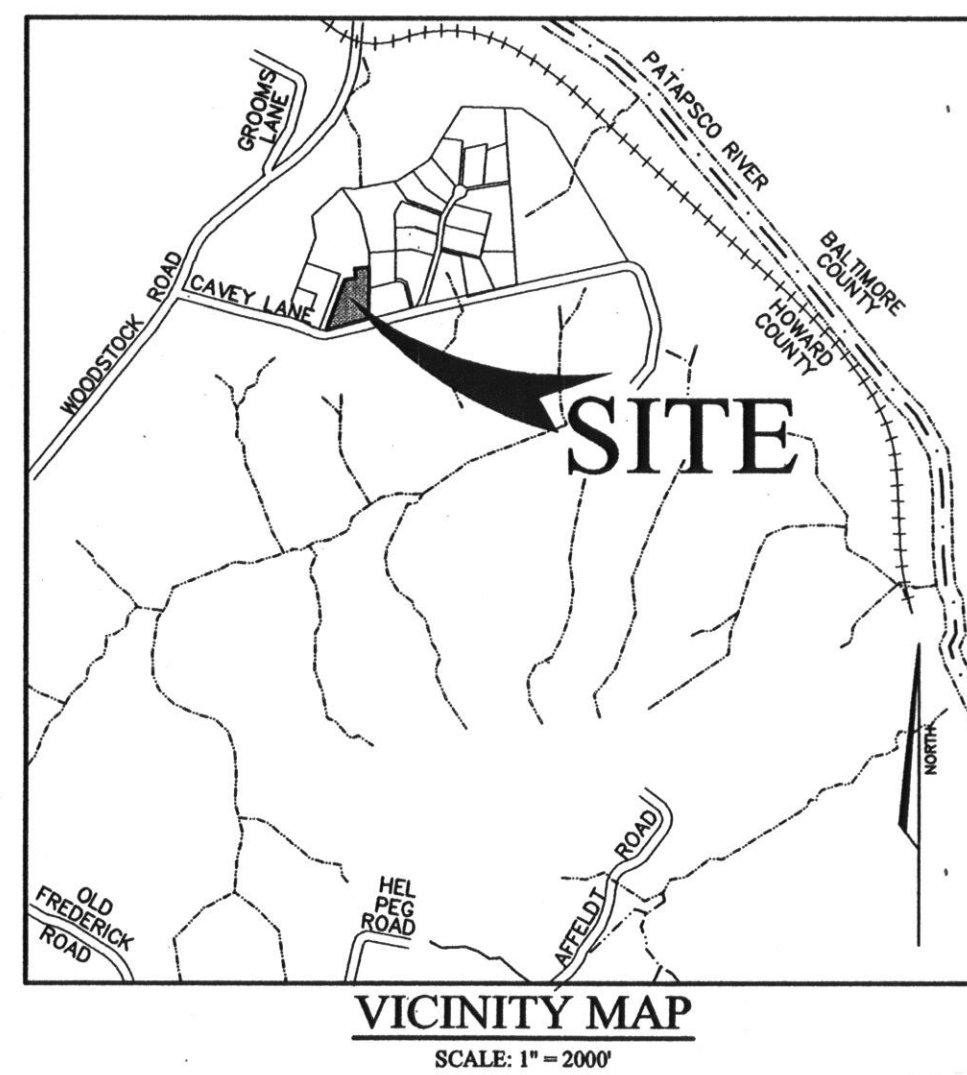
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 38366, EXPIRATION DATE: JANUARY 12, 2012

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

DATE 7/23/2010
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	GROUP
GbB	GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES	B
GmB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C

Date: 04/26/2007 User: sdmcchik
Drawing Path: D:\del6000\Projects\Saddlebrook Farm Trail\PC5-PerCertPlan.dwg XREF File(s): \ Parc5-ExBase.dwg
Plot: 04/26/2007 User: sdmcchik
Drawing Path: D:\del6000\Projects\Saddlebrook Farm Trail\PC5-PerCertPlan.dwg XREF File(s): \ Parc5-ExBase.dwg



- GENERAL NOTES**
- PROPERTY BACKGROUND:
TAX MAP 11, PARCEL 36
THIRD ELECTION DISTRICT
ADDRESS: 10111 SADDLEBROOK FARM TRAIL
WOODSTOCK, MARYLAND 21163
ACREAGE: 1.75 ACRES
ZONING: RC-DEO
 - COORDINATES BASED ON NAD '83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 101A & 17AB.
STA NO. 101A= N 600,995.106, E 1,345,340.340 ELEV=442.029
STA NO. 17AB= N 598,435.244, E 1,348,615.249 ELEV=508.514
 - TOPOGRAPHIC DATA SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY CONDUCTED IN MARCH 2007 BY JOHN E. HARMS, JR. & ASSOCIATES, INC. OFF-SITE TOPOGRAPHY SHOWN HAS BEEN SUPPLEMENTED WITH TOPOGRAPHY SHOWN ON THE HOWARD COUNTY 200 SCALE TOPOGRAPHIC MAPS. BOUNDARY SHOWN HEREON IS BASED ON FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT FEBRUARY 2002 BY FSH ASSOCIATES.
 - PER HEALTH DEPARTMENT REQUIREMENTS, THE EXISTING WELL AND A WELL AREA WITH TWO POTENTIAL REPLACEMENTS, HAVE BEEN SHOWN FOR PARCEL 36.
 - PROPOSED CONVENTIONAL SEPTIC EASEMENT ON PARCEL 36 MUST BE A MINIMUM OF 10,000 SQUARE FEET TO PROVIDE FOR ONE SYSTEM AND TWO POTENTIAL REPLACEMENTS.
 - THERE IS AN EXISTING HOUSE AND BUILDING FOUNDATIONS THAT ARE TO BE REMOVED. THE EXISTING ON-SITE WELL HAS BEEN RECENTLY REDRILLED.
 - TO THE BEST OF OUR KNOWLEDGE, ALL EXISTING SEPTIC AND WELLS WITHIN 100 FEET OF THE PROPERTY LINE HAVE BEEN SHOWN.
 - THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF THE MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
 - THE EXISTING WELL (NO TAG NUMBER) HAS BEEN FIELD LOCATED BY HARMS PROFESSIONAL LAND SURVEYOR AND IS ACCURATELY SHOWN.
 - ANY CHANGES TO A PRIVATE SEWAGE PLAN SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - THE EXISTING SEPTIC SYSTEM WILL BE PROPERLY ABANDONED AND DOCUMENTATION PROVIDED TO THE HOWARD COUNTY HEALTH DEPARTMENT.
 - THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

- LEGEND**
- SEPTIC EASEMENT
 - WELL REPLACEMENT AREA
 - EXISTING WELL
 - PASSED PERC HOLE & ELEVATION
 - FAILED PERC HOLE
 - SOILS BOUNDARY
 - EXISTING TREELINE

SOIL DESCRIPTIONS

SYMBOL	DESCRIPTION
BrC2	Brandywine loam, 8 to 15 percent slopes, moderately eroded -- Type C
GlB2	Glenns loam, 3 to 8 percent slopes, moderately eroded -- Type B
MB2	Minor loam, 3 to 8 percent slopes, moderately eroded -- Type B
MIC2	Minor loam, 8 to 15 percent slopes, moderately eroded -- Type B

OWNER
SHALEHEARTH, L.C.
6820 ELM STREET, SUITE 102
MCLEAN, VIRGINIA 22101
(703)-734-9730

APPROVED FOR PRIVATE WELL AND PRIVATE SEWAGE SYSTEMS.
Robert J. Weln 5/1/07
HOWARD COUNTY HEALTH OFFICER *ar mgo* DATE

HARMS
ENGINEERS • PLANNERS • SURVEYORS
41 EAST ALL SAINTS STREET, SUITE 210, FREDERICK, MARYLAND 21701
Office: 301/631-2027 FAX: 301/631-2028

PERC CERTIFICATION PLAN (PC526287)
10111 SADDLEBROOK FARM TRAIL
Tax Map 11, Parcel 36, Block 13
Third Election District
Scale: 1"=30'
Howard County, Maryland

DESIGNED BY: SJD
DRAWN BY: SJD
CHECKED BY: SJD
DATE: APRIL 2007
W.D. NO. 08-07-011A

1
1 OF 1