

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 528500

AGENCY REVIEW: _____

DATE 2/19/08

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

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

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH UNKNOWN PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) COLIN + DANA WARD

DAYTIME PHONE _____ CELL 410 658 5132 FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT SEDGWICK DESIGN / BUILD LLC ; PATRICK KIRBY

DAYTIME PHONE 410-788-1117 CELL 443-315-7944 FAX 410-788-1127

MAILING ADDRESS 5301 KARGER ROAD ELLICOTT CITY MD 21043
STREET CITY/TOWN STATE ZIP

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


PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 14921 CEMETARY ROAD COOKSVILLE
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 14 GRID 3 PARCEL(S) 131 PROPOSED LOT SIZE 4.1 AC

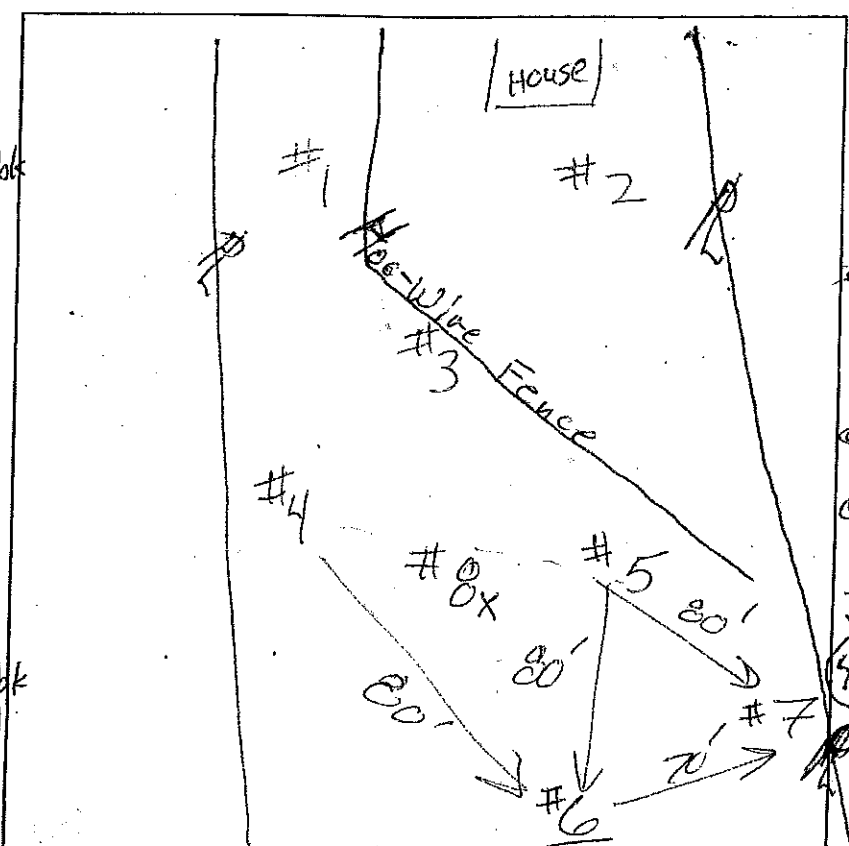
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.


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

AP
 0.1' black loam
 1mer
 1' brn grcl, 1msbk
 4' brn grcl, 1msbk
 Variegated Saprolite
 Lt. brn, pale red
 fsl
 11' Lt. brn & tan
 sl, 10% stone
 13'



#1 & #2
 clay loam
 to 3.5' to #1
 6.5' >50% stones & boulders
 (~65% rock)
 #6 & #7 & #8
 black loam
 1mer
 0.1' brn loam
 1fsl
 0.8' brn grcl
 1msbk
 3' brn fsl
 dense
 4.5' variegated
 lt. brn, brn
 black, red brn
 fsl, com
 common mica
 8.5' lt. brn
 grs l
 14.5'

#3
 0.8' brn loam, 1fsl
 red-brn
 1msbk
 2.5' red-brn
 grscl, 1fsl
 5' red-brn fsl
 com
 6.8' lt. brn
 st sl
 7.5' ex. fl. st sl
 brown
 12' 70%-75%
 rock

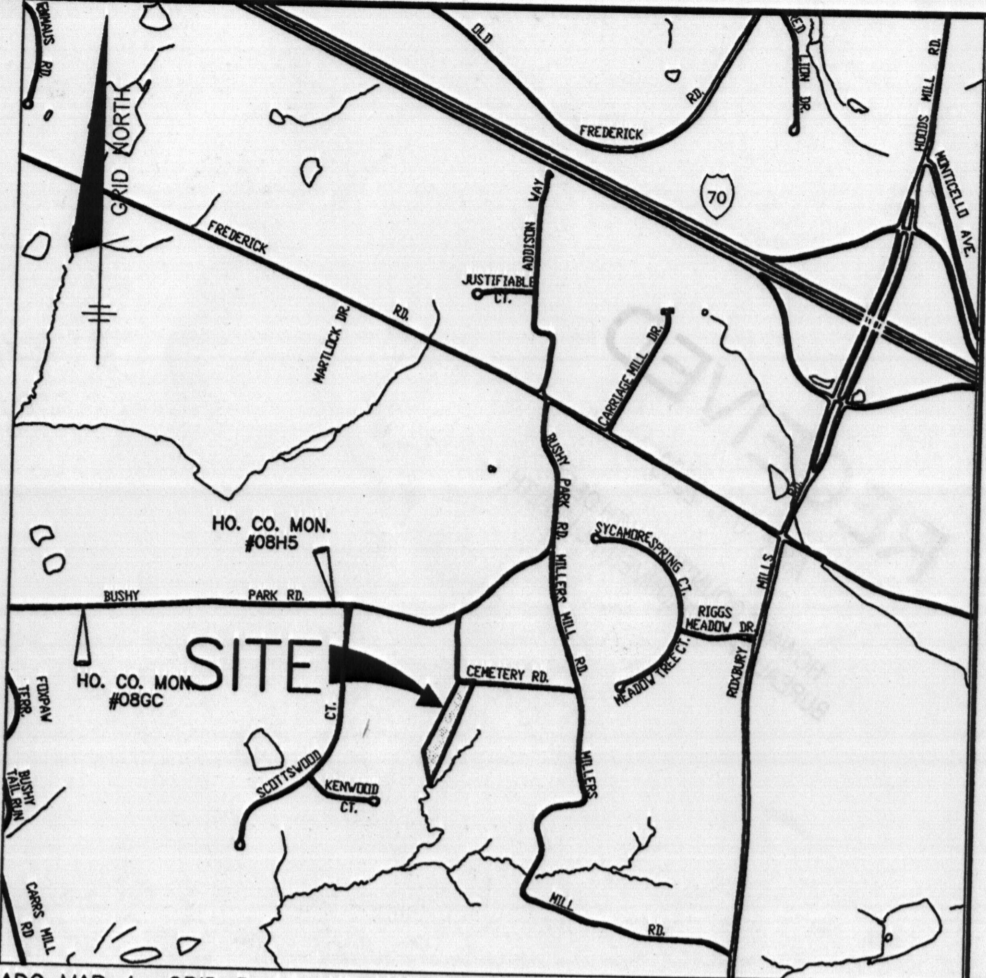
#5
 0.1' black loam
 1mer
 1' brn loam, 2fsl
 1' brn scl, 2msbk
 few gravel
 2.5' red-brn gr fsl
 1msbk
 4' red-brn fsl
 common mica
 dense
 5' brn sl
 common mica
 8' lt. brn grs l
 common mica
 15'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/5/08	4	6' / 13'	9:05	9:08	9:13	5	P
3/5/08	5	6' / 15'	10:02	10:03:20	10:06	2.7	P
3/5/08	6	7' / 14.5'	10:19	10:21	10:26	5	P
3/5/08	7	14.5'	Visual	sandy loam 4.5' to 14.5'			P
3/5/08	8	14.5'	Visual	sandy loam (sl) & gr. sl to 14.5'			P
3/5/08	1	6.5'	Visual	>50% rock			F
3/5/08	2	6.5'	Visual	>50% rock			F
3/5/08	3	7.5'	Visual	>70% rock at 2.5' slightly sticky clays to 5'			F

#7 & #8
 #7 10% stone
 & 20% gravel
 7.5' to
 otherwise
 same as #6
 #8 20% stone
 & 20% gravel
 to 12.5'
 then less
 stone

REMARKS #6, 7 & 8; sidewall begins at 4.5'
 SANITARIAN RB BACKHOE Ronnie OTHERS Senior Hal Field Patrick Kirby
 TEST HOLES USED IN SDA 4, 5, 6, 7, 8 AVG. PERC TIME SQ. FT/BR
 TRENCH WIDTH 3 INLET DEPTH 4 MAX. BOT DEPTH 6 to 8 EFFECTIVE S/W begin 4.5

BENCHMARKS NAD'83 HORIZONTAL
 HO. CO. #086C
 STAMPED BRASS DISK SET ON TOP OF
 CONCRETE BASE.
 N 601441.372' E 1299253.99'
 ELEVATION: 566.649'
 BUSHY PARK RD. EAST OF CARS MILL RD.
 HO. CO. #08H5
 STAMPED BRASS DISK SET ON TOP OF
 CONCRETE BASE.
 N 801562.569' E 1301087.21'
 ELEVATION: 612.452'
 BUSHY PARK RD. 0.15 MI. WEST
 OF SCOTTSMOOD CT.



VICINITY MAP
 SCALE: 1" = 2000'

- LEGEND**
- EXISTING CONTOURS
 - EXISTING TREENLINE
 - EXISTING CL. STREAM
 - EXISTING WETLANDS
 - LIMIT OF SUBMISSION
 - PROPOSED SEPTIC AREA
 - SOILS DELINEATION
 - P-3 ● TEST HOLE PASSED
 - P-1 ○ TEST HOLE FAILED

GENERAL NOTES

- 1.) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 2.) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE REQUIRED.
- 3.) EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
- 4.) TOPOGRAPHY SHOWN IS BASED ON TOPOGRAPHIC SURVEY BY CLARK, FINEROCK AND SACKETT, INC. DATED 3-10-06. THE BOUNDARY IS FROM A BOUNDARY SURVEY PERFORMED BY CHRISTINA LAND SURVEYS, LLC. ON APRIL 20, 2002.
- 5.) THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
- 6.) ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.
Donald A. Mason 4-2-08
 DONALD A. MASON
 PLAN PREPARER

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
Peter Bilenson 4/23/2008
 HOWARD COUNTY HEALTH OFFICER

HOWARD COUNTY, MARYLAND (MD027)

Map Unit Symbol	Map Unit Name
BaA	Baile silt loam, 0 to 3 percent slopes
GgB	Glenelg loam, 3 to 8 percent slopes
GmB	Glenville silt loam, 3 to 8 percent slopes
McD	Manor loam, 15 to 25 percent slopes, very rocky

NATURAL RESOURCES CONSERVATION SERVICES
 WEB SOIL SURVEY 2.0

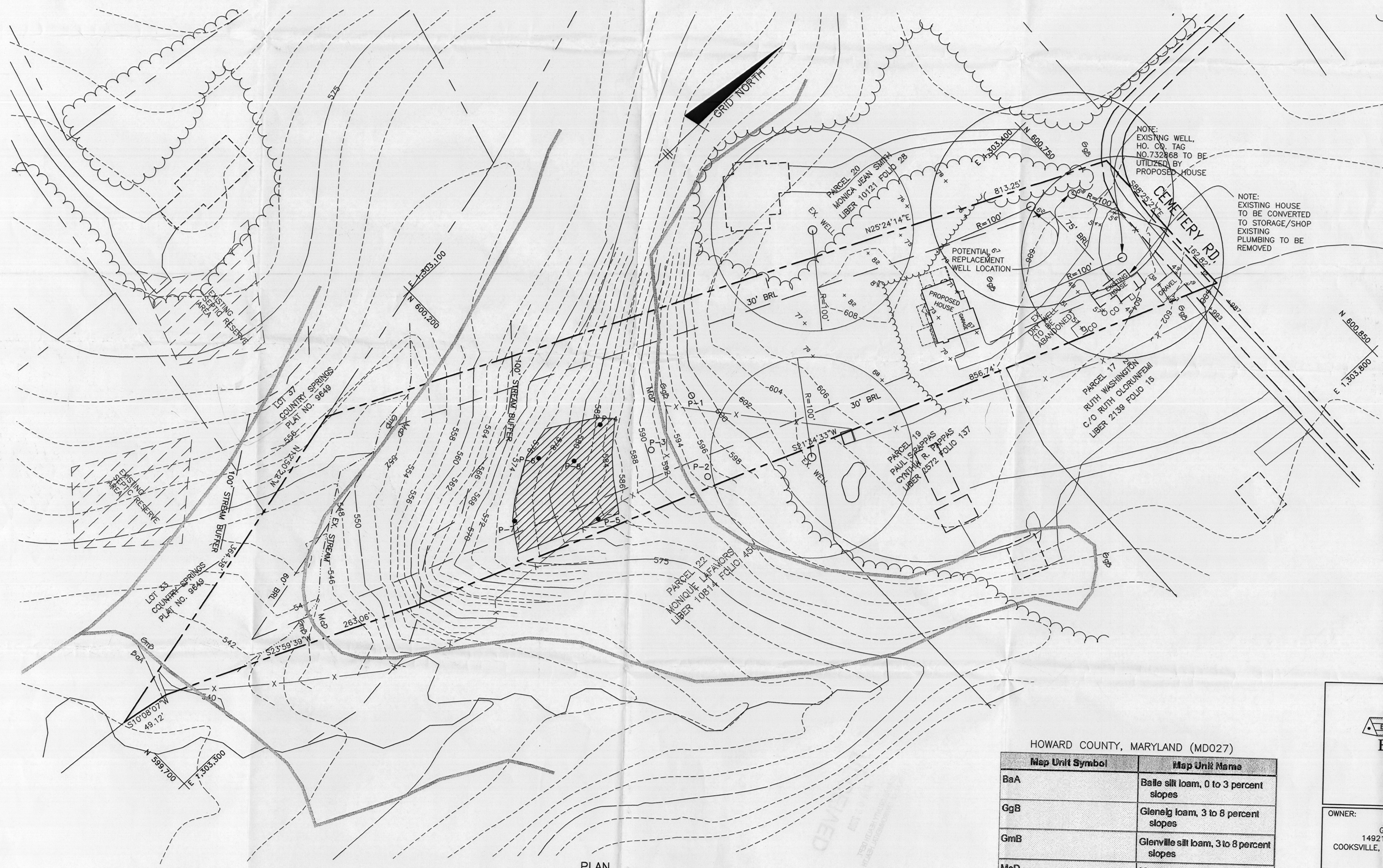
BENCHMARK ENGINEERING, INC.
 ENGINEERS & LAND SURVEYORS & PLANNERS
 8480 BALTIMORE NATIONAL PIKE SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 phone: 410-465-6105 fax: 410-465-6644
 WWW.BEI-CIVLENGINEERING.COM

14921 CEMETERY ROAD
 LOCATION: TAX MAP: 14, GRID: 3
 PARCEL: 131
 ELECTION DISTRICT NO. 4
 HOWARD COUNTY, MARYLAND

PERCOLATION CERTIFICATION PLAN
 DATE: APRIL, 2008 BEI PROJ. NO. 2088
 SCALE: 1" = 100' SHEET 1 OF 1

OWNER: GARY J. SMITH
 14921 CEMETERY ROAD
 COOKSVILLE, MARYLAND 21723-9418

DESIGNER: SEDGWICK DESIGN/BUILD LLC
 5301 KERGER ROAD
 ELLICOTT CITY, MD 21043
 410-788-1117



PLAN
 SCALE: 1" = 50'