



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AD 521620

AGENCY REVIEW: _____ DATE 12/14/2004

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) GILMAN J + JANET WILDES

DAYTIME PHONE (301) 831-7614 CELL (301) 518-5258 FAX N/A

MAILING ADDRESS 719 WEST WATERSVILLE RD MT AIRY MD 21771
STREET CITY/TOWN STATE ZIP

APPLICANT VANMAR ASSOCIATES

DAYTIME PHONE (301) 829-2890 CELL N/A FAX (301) 831-5603

MAILING ADDRESS 310 South Main St. Mt Airy MD 21771
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Nursery View LOT NO. 4B

PROPERTY ADDRESS 719 West Waterside RD MT Airy, MD 21771
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 2 GRID 19 PARCEL(S) 114 PROPOSED LOT SIZE 3.21

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.

Adly Edmondson
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

A/P

PROPOSED LOT 4B

518/518a

515

y brn
SCL
Sbk, grstrong
CL
massivecompact SIL
yellow
olig brn
loam
w.c. spg.

H. Bottom

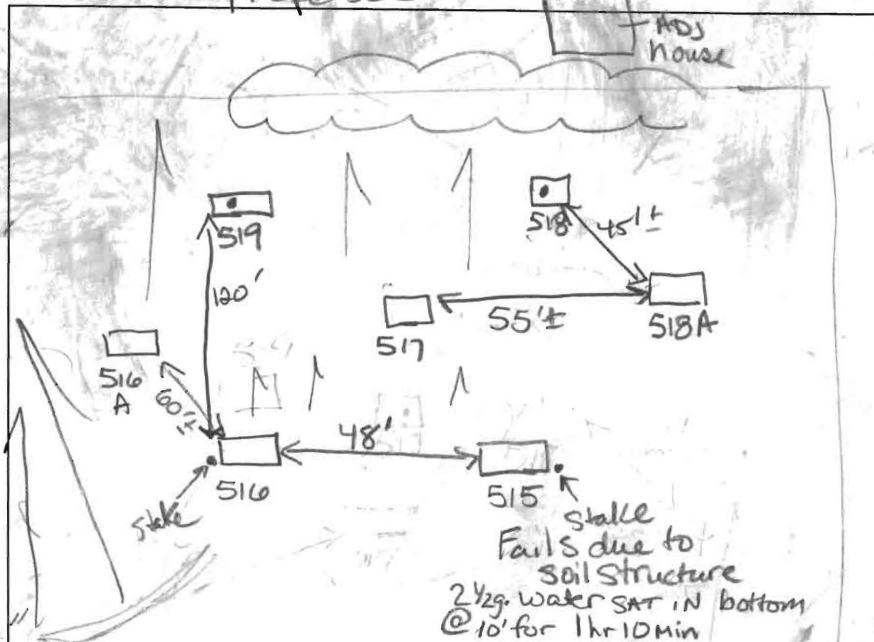
516

str rd brn
SCLcompact
sg./massiveirregular
boundary
platy
structure
loam
chert ~ 15%
H. Bottom

519

str rd brn, DK brn
CLabrupt
A to yellow
v.f. SL
SIL
loose
cobble
~ 15%

H. Bottom



Holes lower than stake 517 best soils. Hole 517 is Marginal, hole 515 fails. Two non-planned holes dug to allow some flexibility w/ SDA design.

Proposed well loc. not acceptable

DK red

brn blue
magnetite
lt brn
yellow
loose
loam
snp frag
~ 10%

517/516a

DK rd platy, Sbk
brn
CL/SCL
cobble ~ 25%lt brn
trans. zonev.f. SL
chert ~ 20%

Bottom

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/20/15	515	10'3"	11:43	@ 12:04	12:14	to go	F
	3-	2' 2/3"	@ 12:15	about 11/4"	15"	to go	Slow
			@ 12:25	water filled in well			
	516	6'	12:04	12:10	12:23	13 min	
	519	5'	12:12	12:15	12:20	5	P
	518	5' 1/2	12:17	12:22	12:28	6	P
	517	5' 1/2	12:49	1:05	1:34	29	MP
	518a	Visual - see 518					P
	516a	Visual - see hole 516					P

Qtz stone/cobble ~ 20-25%

REMARKS compact soils SCL, SCL, Loam chert frags ~ 10-20%

SANITARIAN Kacie BACKHOE Justin OTHERS Mr. Wilde

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____



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☐ 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 4 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) Gilman + Janet Wildes

DAYTIME PHONE (301) 831-7614 CELL (301) 518-5258 FAX N/A

MAILING ADDRESS 719 West Waterside Rd Mt Airy MD 21771
STREET CITY/TOWN STATE ZIP

APPLICANT VAN MAR ASSOCIATES

DAYTIME PHONE (301) 829-2890 CELL N/A FAX (301) 831-5603

MAILING ADDRESS 310 South Main St Mt Airy MD 21771
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Nursery View LOT NO. 4A

PROPERTY ADDRESS 719 West Waterside Rd Mt Airy MD 21771
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 2 GRID 19 PARCEL(S) 114 PROPOSED LOT SIZE 4.05

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

510

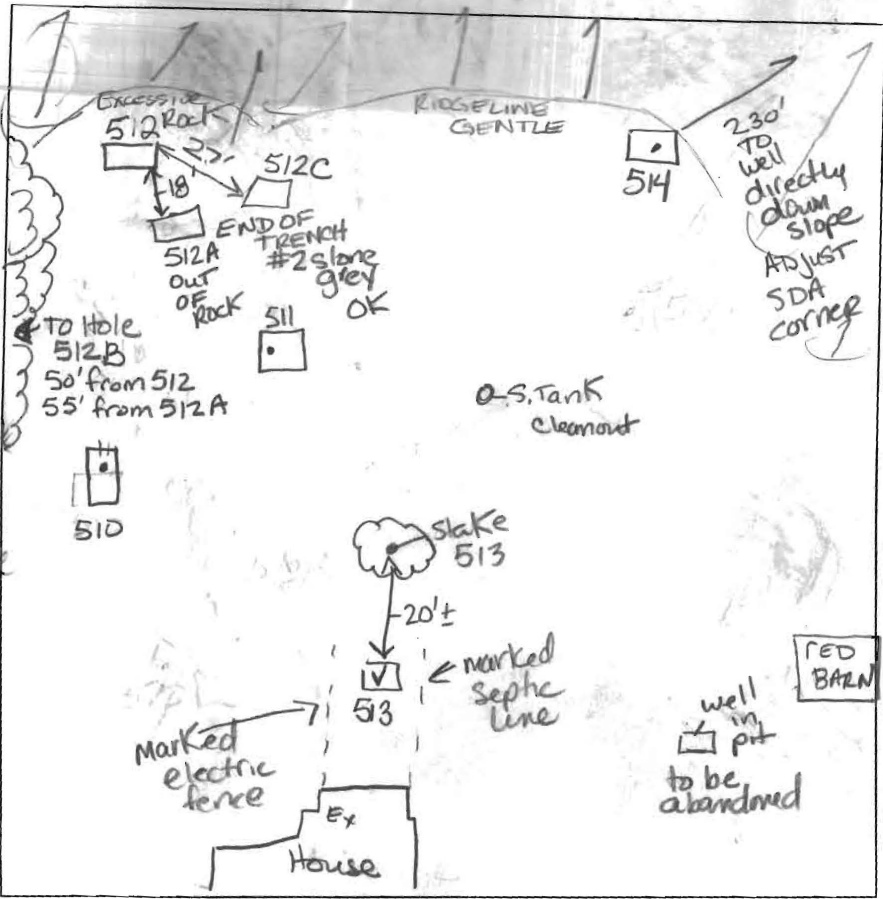
Strong
CL
massive 4'±
yellow
2 pl
SiL -
v.f. SL
Chert
frag/shale
avg 6cm 35%
long x 2cm wide
H. bot 11"

511

Strong
massive
sbk
SiCL
horizon

514

Strong
rd brn
SiCL
compact sbk/massive
yellow
brn
et brn
v.f. S.L
Chert
frag 5%
w.c.s.g.



510

Dense CL

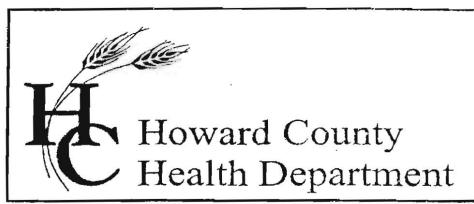
Flagstone
pieces
or
shale
~ 65%
locks
supporting
soil

H. Bottom

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/30/05	510	5 1/2'	9:40 ³⁰	9:42 ⁰⁰	9:47	5	P
	511	5 1/2'	10:01	10:14	too slow reprobe		
	514	5'	10:32	10:35	10:41	6	P
	511	6'	10:43	10:49	10:57	8	P
	512A	END OF TRENCH					P
			Functioning in loose s.l. - v.f. SL				
	512	Excessive	Rock Pocket				F
	513	Visual	1 1/2' bottom	4 1/2' cl	100% yellow		
	512B	Visual	SEE	note 511	EST 8 Min		P

REMARKS 6' diameter holes Holes dug per plan ADD h
SANITARIAN Kacie BACKHOE Justin B. OTHERS Mr. Wilde TO RE
TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W

512



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

January 21, 2005

Vanmar Associates
310 S. Main Street
P.O. Box 328
Mount Airy, MD 21771

Re: Nursery View, Lots 4a & 4b
Percolation Test Results A521620
Tax Map: 2 Parcel: 144

To Whom It May Concern:

Percolation testing conducted on 1/20/05 yielded marginally acceptable test results in a few areas resulting in necessary septic area adjustments. Percolation test hole 512 yielded excessive rock and percolation test holes 517 & 518 contained tightly structured soils. Enclosed are a copy of the percolation test results and generalized areas of acceptable soils to configure your septic disposal areas.

To continue with the finalization of the Percolation Test Plat, ensure the following additional criteria are shown on the plat by a licensed surveyor and/or engineer:

- field locate all test holes and label with spot elevations for each test hole, and mark each hole as passed or failed, including the additional dug holes not on current plan
- Identify total SDA for each lot
- show a 1500 square-foot well box **in a different location** than shown for Lot 4b (attached is a possible solution of well sites along the right of way maintaining 100' from the septic disposal area of Lot 4a)
- show new location of proposed house site for Lot 4b maintaining at least 20' from the septic disposal area
- Add to the General Notes a statement for the existing well in well pit on Lot 4a to be abandoned and sealed prior to final plat recordation
- ensure all General Notes are included on plan, and also include the date the lot was established

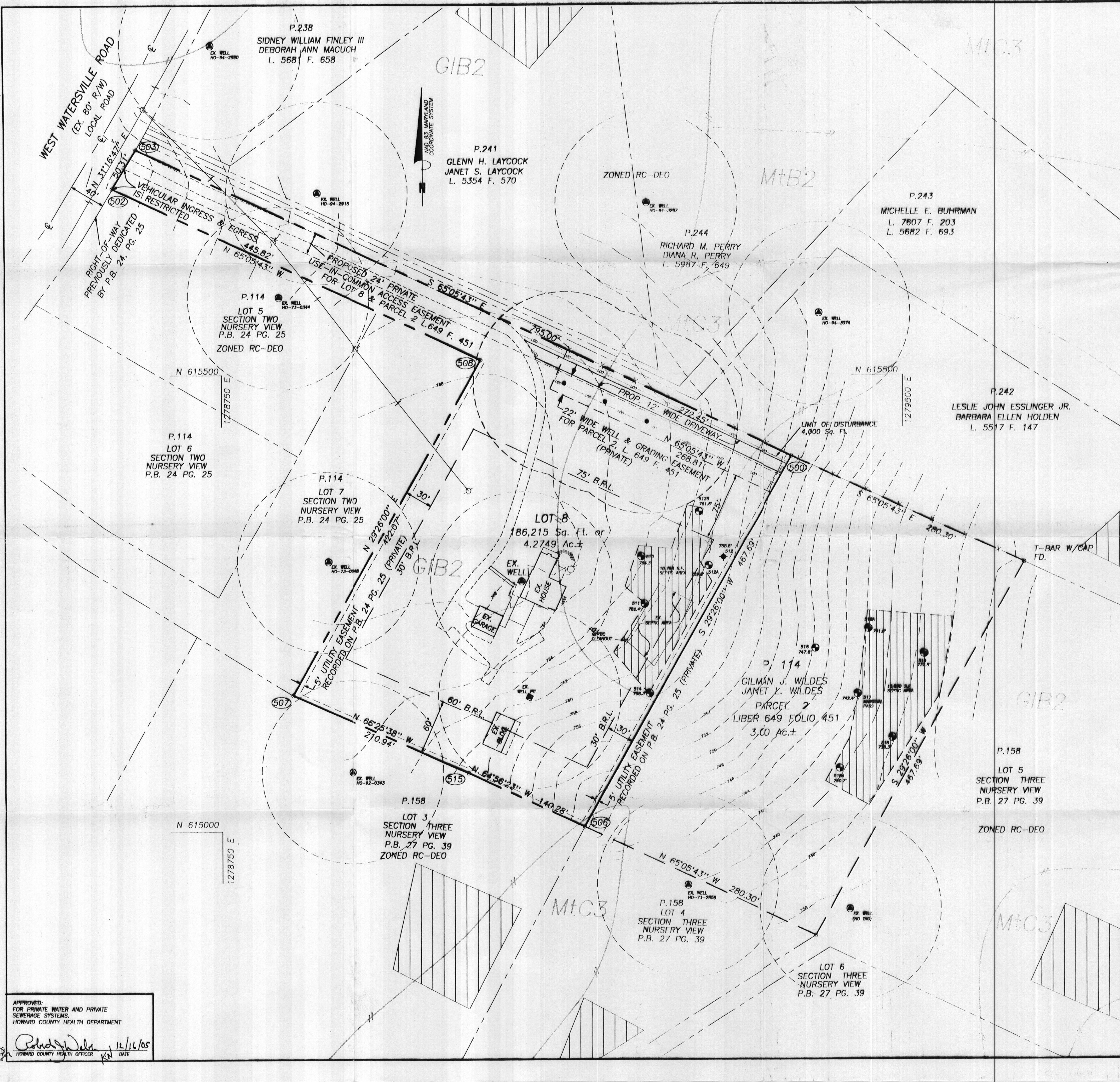
If you have any other questions or comments, contact me at 410-313-1771. Thank you for your time in this important matter.

Sincerely,

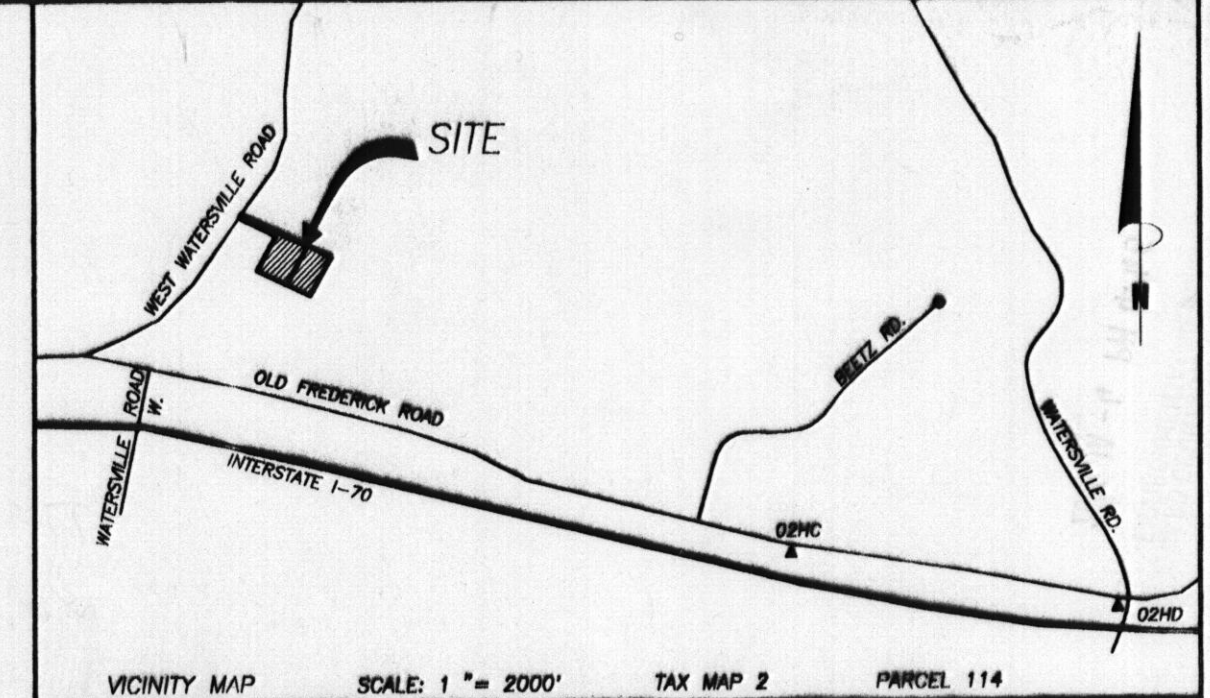
Kacie Noonan, R. S.
Well and Septic Program

Enclosures

Cc: Mr. & Mrs. Wildes
file



OWNER:
GILMAN J. WILDES
JANET L. WILDES
719 WEST WATERSVILLE ROAD
MT. AIRY, MD. 21771



- GENERAL NOTES:
- OWNERS: GILMAN JACKSON WILDES
JANET L. WILDES
DEED REFERENCE: LIBER 649 FOLIO 451
DATE: NOVEMBER 18, 1994
GRANTOR: HARRY W. DOVE
HERTHA REINHARDT
MARIE R. CHASON
FRED HESS CRUM
ELSA MARIE QUANBECK
FRED HARRY CRUM
 - TAX MAP: 2 GRID: 19 PARCEL: 114
 - NEAREST POTABLE WATER SUPPLY: MT. AIRY
DISTANCE: 1 MILE ±
 - THERE IS NO FLOOD HAZARD (100 YEAR FLOOD PLAIN)
LOCATED ON THIS PROPERTY ACCORDING TO FEMA
FLOOD INSURANCE RATE MAP, COMMUNITY PANEL
240044 0002 B, REVISED DECEMBER 4, 1986
 - TOPOGRAPHY: FIELD RUN BY VANMAR ASSOC., INC.
CONTOUR INTERVALS ARE AT 2 FEET.
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS
WITHIN 100' OF THE PROPERTY BOUNDARY
UNLESS OTHERWISE SHOWN HEREON.
 - THE EXISTING WELLS(S) SHOWN ON THIS PLAN
HO-84-2890, HO-84-2945, HO-84-3287, HO-84-3074
HO-(NO TAG), HO-73-2658, HO-92-0343, HO-73-0846
HO-73-0344, HO-(under porch)
HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
 - SOIL TYPE: MT. AIRY CHANNERY LOAM (MTC3)
GLENELG (GIB2)
HOWARD COUNTY SOILS MAP No. 1 & 2
 - ZONING DISTRICT: RCDEO
 - ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF
SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO
SCHEDULE THE WELL DRILLING PRIOR TO THE FINAL PLAT
SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY"
IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT
SIGNATURE OF THE RECORD PLAT.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM
OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE
MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - THE EXISTING WELL IN WELL PIT ON LOT 4A TO BE ABANDONED AND SEALED
PRIOR TO FINAL PLAT RECORDATION.
 - PARCEL 1 WAS CREATED 12/27/1972 & PARCEL 2
WAS CREATED 6/20/1973
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT
OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY
MARYLAND STATE DEPARTMENT OF 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 PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER
SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS.
RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

PROPOSED PERCOLATION TEST SITE: ⊕
(PASSED) PERCOLATION TEST SITE: ⊙
(FAILED) PERCOLATION TEST SITE: ⊛
EXISTING WELL: ●
PROPOSED HOUSE SITE: □
PROPOSED WELL SITE: ○
25% OR GREATER SLOPES: ▨

I HEREBY CERTIFY THERE ARE NO WELLS OR SEPTIC SYSTEMS
WITHIN 100 FEET OF THE PROPERTY BOUNDARY UNLESS
OTHERWISE SHOWN HEREON.
I FURTHER CERTIFY THAT THE PERCOLATION TEST HOLES HAVE
BEEN FIELD LOCATED IF EXISTING AND ACCURATELY STAKED
IF PROPOSED AND SHOWN HEREON.

Sourabh Munshi 12/16/05
SOURABH G. MUNSHI, PROF. L.S., MD. REG. # 10770 DATE

DATE: 3/30/05
3/12/05
12/14/05

REVISIONS:
Per Comments
Lot Lines
Original Deed Lot Lines

STATE OF MARYLAND
SOURABH G. MUNSHI
PROF. L.S., MD. REG. # 10770
12/14/05

PERCOLATION CERTIFICATION PLAN
REVISED WILDES
NURSERY VIEW
LIBER 649 FOLIO 451

SITUATED ON WATERSVILLE ROAD W.
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' NOVEMBER, 2004

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street P.O. Box 328 Mount Airy Maryland 21771
(301) 829 2880 (301) 851 5015 (410) 549 2751

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

Robert J. Weller 12/16/05
HOWARD COUNTY HEALTH OFFICER DATE

