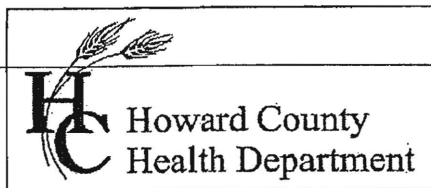


46762



Bureau of Environmental Health
7178 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

Peter L. Beilenson, M.D., M.P.H., Health Officer

Date: May 14th, 2010

To: Patrick Costello
Forty West Builders

From: Heidi Scott
Development Coordination Section
Well & Septic Program

RE: PERCOLATION TEST RESULTS
1676 Woodstock Rd

Percolation testing was conducted at the above referenced property on May 10th, 2010. Results indicate unsatisfactory and satisfactory soil conditions for onsite wastewater disposal. All holes on Lot 2 passed. Holes #502 & #502 on Lot 1 failed due to shallow rock. Holes #700 & #701 (not per plan) were dug to make up for lost area. The newly proposed SDA on Lot 2 must stay at least 10' from the pipeline r/w. A total of 11 test holes were dug.

Field data collected is shown on the Percolation Test Worksheets enclosed with this letter. Further review of this project is contingent upon submission of a Percolation Certification Plan. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at (410) 313-6287.

Enclosures
Cc:
File

RECEIVED
MAY 17 2010

Mike TS

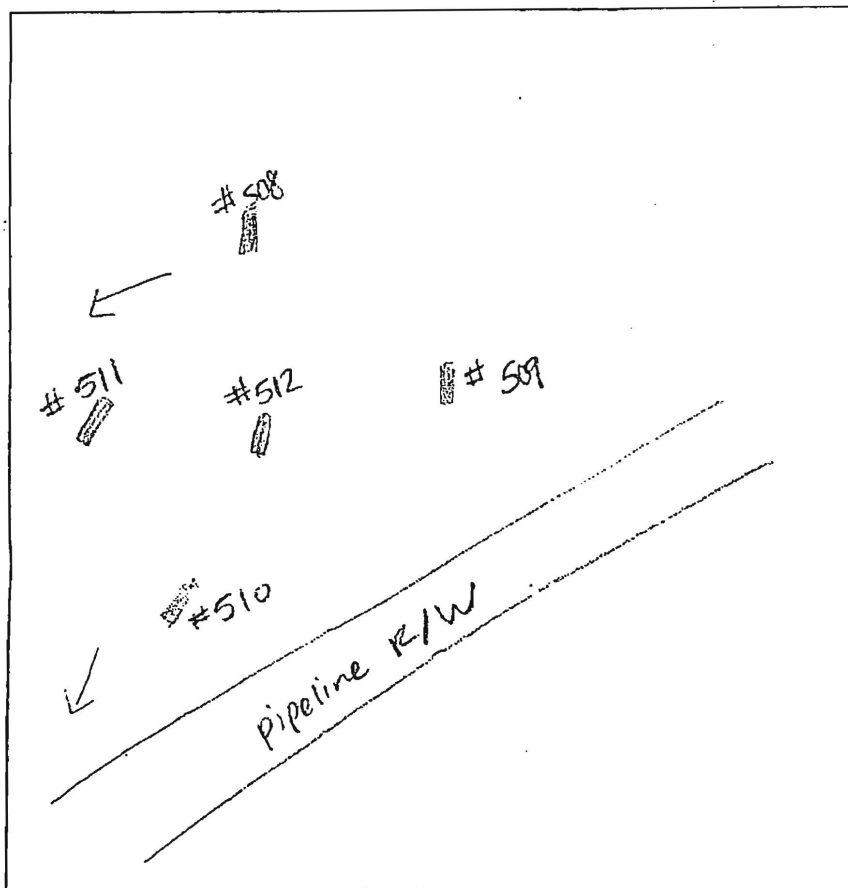
A/P

508
8" bml
8bk
brn
sl
micaceous
3.5' brn v fsl
saprolite
8' dk brn
fsl
saprolite
12' bottom

512
6" bml roots
2.8' brn sel
2msbk
yellow brn
micaceous
fsl
saprolite
12.5' micaceous
v fsl
saprolite

511
6" dk brn
l
3' brn sel
16bk
yellow brn
fsl
micaceous
6' yellow
brn fsl
saprolite
7.5' yellow
brn l
chls

HB



NOT TO SCALE

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5-10-10	508	4.5' / 12'	9:10	9:11	9:13 ¹³	2	P
	512	5.5' / 10.5'	9:17	9:19	9:21 ¹⁵	2	P
	511	4.5' / 9.5'	9:27	9:30	9:34	4	P
	510	4.2' / 13'	9:38	9:44	9:52	8	P
	509	5' / 11.5'	9:58	10:00	10:03	3	P
	503	4'	VISUAL				F
	502						

510
roots bml
red brn
sl 1msbk
2'
red brn
micaceous
fsl
9'
red brn
v fsl
saprolite
13'

509
roots 1c
bml 5bk
11'
brn sel
2msbk
3.5'
brn
fsl
7'
white /
yellow
sil
saprolite
11.5'

503
red brn ch
sl
2.8'
brn micaceous fsl
50% flaggy
stones
solid rx
4'

REMARKS

Lot 2

SANITARIAN HS

BACKHOLE Bill Ingram

OTHERS Amy Martinez, Pat

TEST HOLES USED IN SDA 5

AVG. PERC TIME ~4

SQ. FT/BR

TRENCH WIDTH 2

INLET DEPTH 3

MAX. BOT DEPTH 7

EFFECTIVE SW 2-2.5'

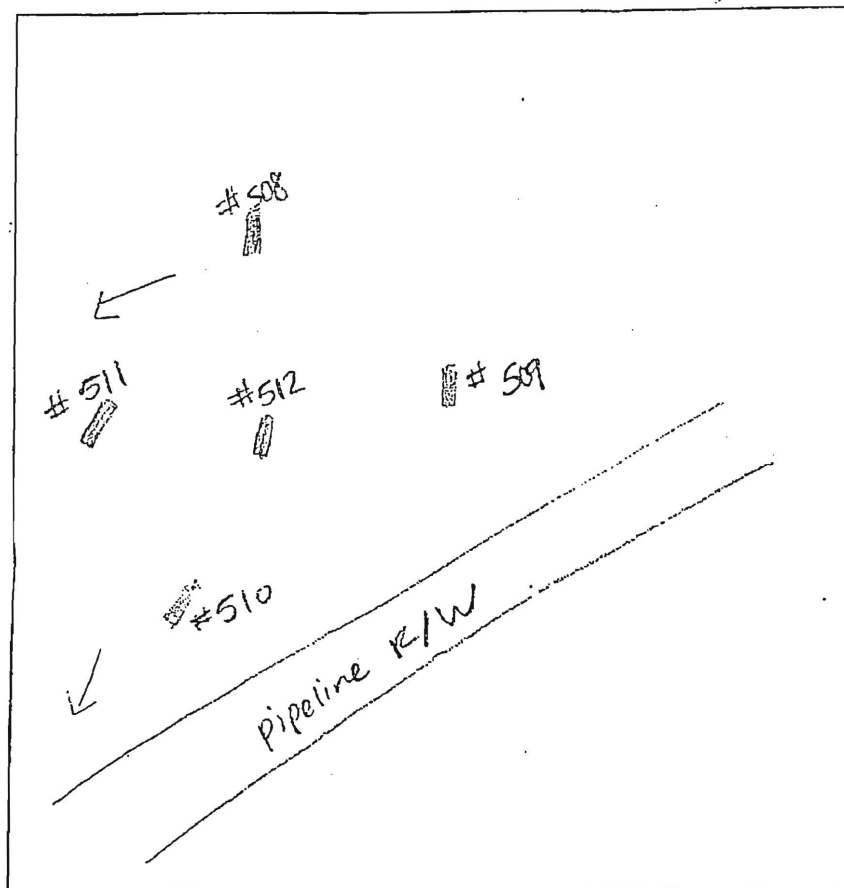
AP

8" 508
brn l
sbk
brn
sl
micaceous
3.5' brn v fsl
saprolite
8' dk brn
fsl
saprolite
12' bottom

6" 512
brn l / roots
brn sel
2msbk
2.8' yellow brn
micaceous
fsl
saprolite
12.5' micaceous
v fsl
saprolite

6" 511
dk brn
l
3' brn sel
16sf
yellow brn
fsl
micaceous
6' yellow
brn fsl
saprolite
9.5' yellow
brn l
chls

HB



NOT TO SCALE

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	503	4'	VISUAL				F
	502						

510
roots brn l
red brn
sl 1msbk 2'
red brn
micaceous
fsl 9'
red brn
v fsl
saprolite 13'

509
roots 12
ome sbk 1'
brn sel
2msbk 3.5'
brn
fsl 7'
white /
yellow
sil
saprolite 11.5'

503
red brn ch
sl 2.8'
brn micaceous fsl
50% flaggy
stones
solidry 4'

REMARKS Lot 2

SANITARIAN HS

BACKHOE Bill Ingram

OTHERS

Amy Martinez, Pat

TEST HOLES USED IN SDA 5

AVG. PERC TIME ~4

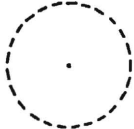
SQ. FT/BR

TRENCH WIDTH 2

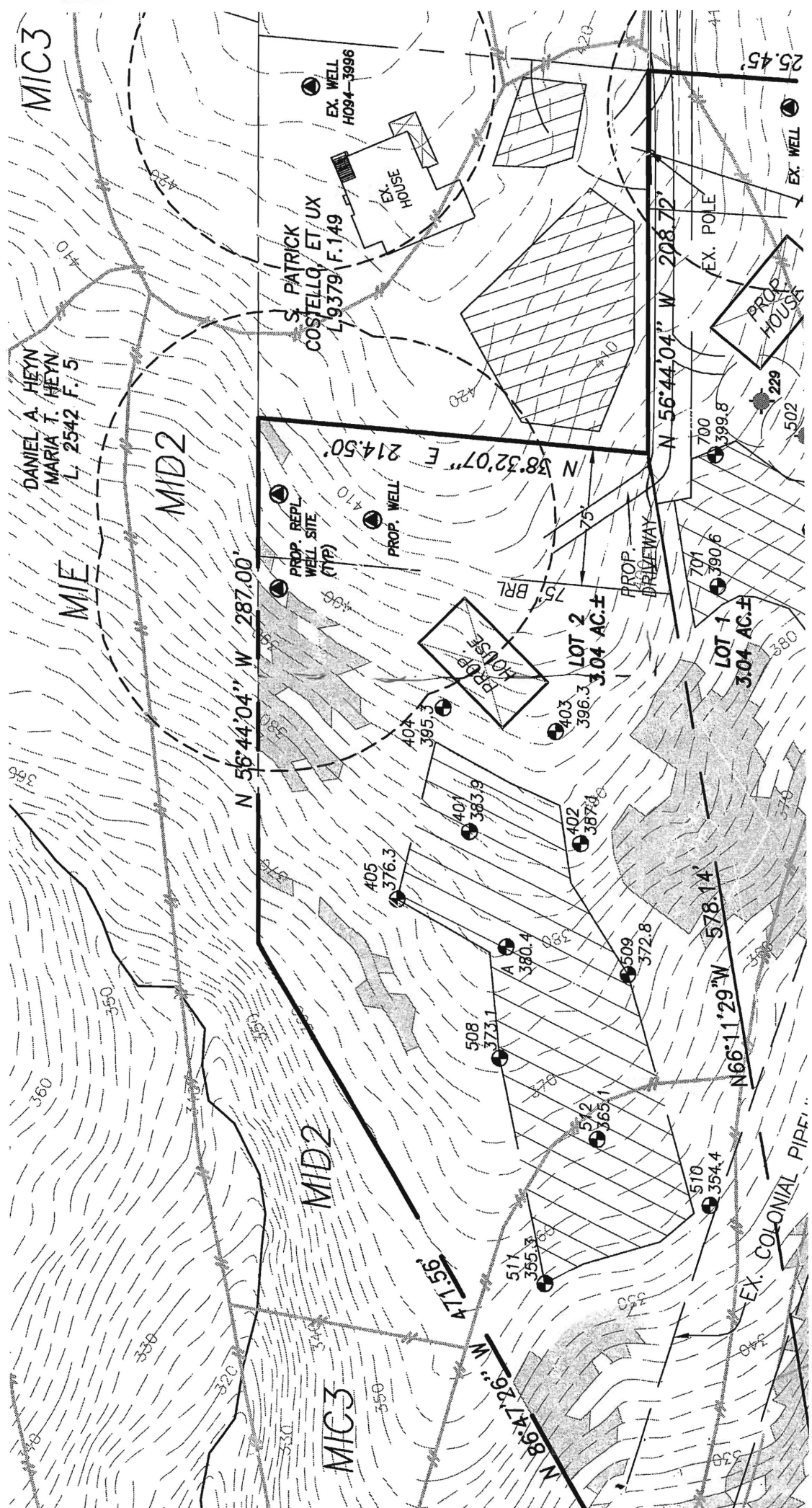
INLET DEPTH 3

MAX. BOT DEPTH 7

EFFECTIVE S/W 2-2.5'



Not most
recent PC



Oswald, Hank

From: Ron Thompson <ron@vanmar.com>
Sent: Thursday, December 08, 2016 4:36 PM
To: Oswald, Hank
Subject: FW: Woodstock
Attachments: DOC120816.pdf

Hank:

Attached are the perc results for 1680 Woodstock Road.

Ronald E. Thompson, PE
VANMAR ASSOCIATES
310 South Main Street
PO Box 328
Mount Airy, Maryland 21771
301-829-2890 (O)
443-421-2164 (C)
301-831-5603 (F)

From: Mike VanSant
Sent: Thursday, December 08, 2016 4:33 PM
To: Ron Thompson <ron@vanmar.com>
Subject: Woodstock

Here you go

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.

(PASSED) PERCOLATION TEST SITE:

(FAILED) PERCOLATION TEST SITE:

EXISTING WELL:

PROPOSED HOUSE SITE:

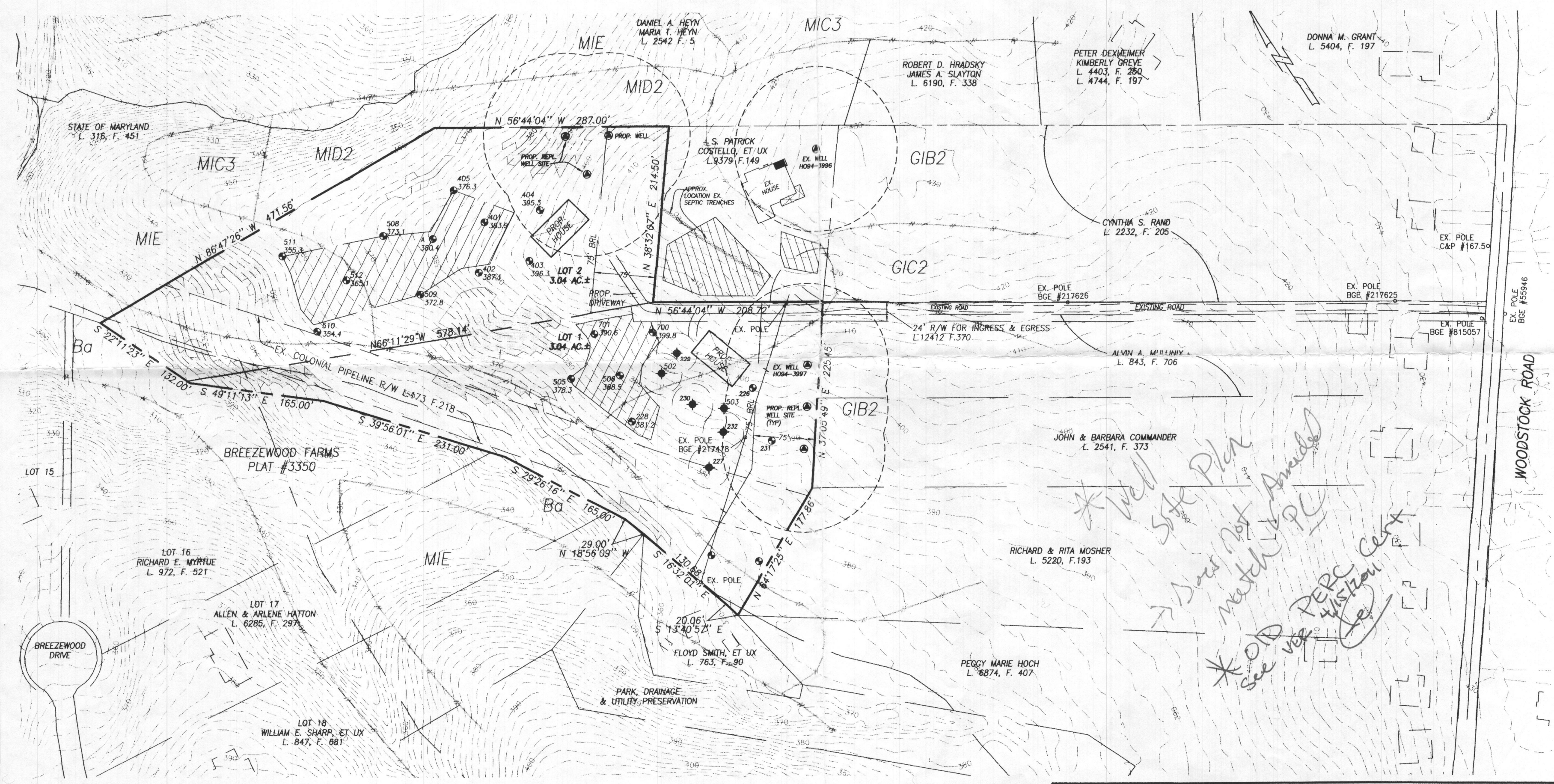
PROPOSED WELL SITE:

25% OR GREATER SLOPES:

- GENERAL NOTES:**
- OWNERS: S. PATRICK COSTELLO
DEED REFERENCE: LIBER 10632 FOLIO 553
DATE: APRIL 16, 2007
GRANTOR: ANGELA M. & S. PATRICK COSTELLO
 - TAX MAP: 10; GRID: 18; PARCEL: 50
 - NEAREST POTABLE WATER SUPPLY: ELLICOTT CITY DISTANCE: 6.0 MILES±
 - THERE IS NO FLOOD HAZARD (100 YEAR FLOODPLAIN) LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL 240044 0010B.
 - TOPOGRAPHY: FROM HOWARD COUNTY GIS DATA, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOC. VERTICAL DATUM IS NAVD88, CONTOUR INTERVAL IS 2'.
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS SHOWN HEREON.
 - SOIL TYPES: Ba (BAILE SILT LOAM), GIB2, GIC2 (GLENELG), MIC3, MID2, MIE (MANOR). SOIL MAP NO.: 09
 - EXISTING ZONING: RC-DEO
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - ALL WELLS TO BE DRILLED PRIOR TO SUBMITAL 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.
 - ANY CHANGES TO A PRIVATE SEPTIC AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - EXISTING WELL H094-3997 HAS BEEN FIELD LOCATED AND ACCURATELY SHOWN.

VICINITY MAP
SCALE: 1" = 1200'

TAX MAP 10 PARCEL 50



**Well Site Plan
Does Not Amend
match to PC
*OLD PERC Cert
see ver. 4/15/10*

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

Richard J. Davis 6/30/10
DATE

OWNER:
S. PATRICK COSTELLO
1676 WOODSTOCK RD.
WOODSTOCK, MD 21163
(410) 418-8900

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY SUPERVISION AND IS CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

Thomas L. Frazier 9/17/10
THOMAS L. FRAZIER, JR., PROF. LS, MD. REG. #21097 DATE

DATE	REVISIONS
6/17/10	PER HD COMMENTS

PERCOLATION CERTIFICATION PLAN S. PATRICK COSTELLO PROPERTY

LIBER 10632 FOLIO 553
SITUATED ON WOODSTOCK ROAD
ELECTION DISTRICT No. 3
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' MAY 2010

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5603 ©Copyright, Latest Date Shown

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(FAILED) PERCOLATION TEST SITE:

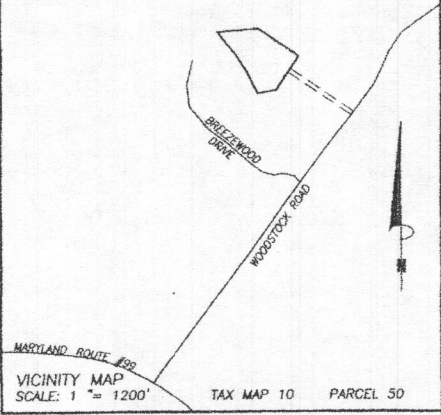
EXISTING WELL:

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DATE	REVISIONS
6/17/10	PER HD COMMENTS
3/21/11	PER HD COMMENTS & WAIVER
3/30/11	PER HD COMMENTS

REVISED PERCOLATION CERTIFICATION PLAN
S. PATRICK COSTELLO PROPERTY

LIBER 10632 FOLIO 553
SITUATED ON WOODSTOCK ROAD
ELECTION DISTRICT No. 3
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' MAY 2010



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(301) 629-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5603 ©Copyright, Latest Data Shown



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Thomas L. Frazier, Jr.
THOMAS L. FRAZIER, JR., (PROF. L.S., M.D.) REG. #21097 DATE 4/5/11

APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
Brian P. Baileman 4/15/2011
HOWARD COUNTY HEALTH OFFICER 18 DATE

OWNER:
S. PATRICK COSTELLO
1676 WOODSTOCK RD.
WOODSTOCK, MD 21163
(410) 418-8900

C:\Users\baileman\Documents\10632\Folio 553\PERCOLAT.DWG, 3/30/2011 11:36:38 AM, 1:1

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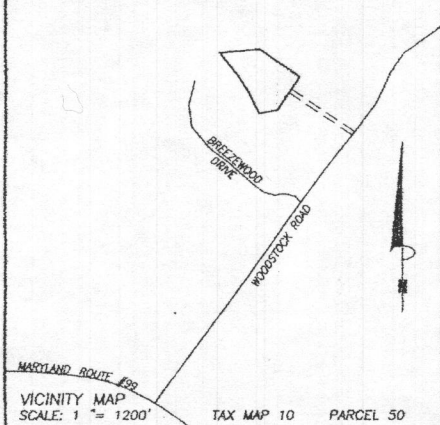
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APPROVED:
FOR PRIVATE WATER AND PRIVATE
SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

B. K. H. for Peter Brilewson 4/15/2011
THOMAS L. FRAZIER, JR., P.E., U.S. NO. REG. #21097

OWNER:
S. PATRICK COSTELLO
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Thomas L. Frazier, Jr. 4/15/11
THOMAS L. FRAZIER, JR., P.E., U.S. NO. REG. #21097

DATE	REVISIONS
6/17/10	PER HD COMMENTS
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Fax (301) 831-5603 ©Copyright, Latest Date Shown