

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ (AP) 527263
 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 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)

PROPERTY OWNER(S) James Xanthos
 DAYTIME PHONE (301) 801-3389 CELL _____ FAX _____
 MAILING ADDRESS 10673 Glen Hannah Drive Laurel Maryland 20723-1264
 STREET CITY/TOWN STATE ZIP

APPLICANT FSH Associates
 DAYTIME PHONE (410) 567-5200 CELL _____ FAX (410) 796-1562
 MAILING ADDRESS 6339 Howard Lane Elkridge Maryland 21075
 STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION "Prince Property" approx. 2400' SW from intersection of Rte 206
 SUBDIVISION/PROPERTY NAME _____ LOT NO. 2
 PROPERTY ADDRESS Huntech brookline Lane Fulton 20759
 STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 46 GRID 01 PARCEL(S) 104 PROPOSED LOT SIZE 3.924 act

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.

Heather Stegner
 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 527263

Hunterbrooke →

640

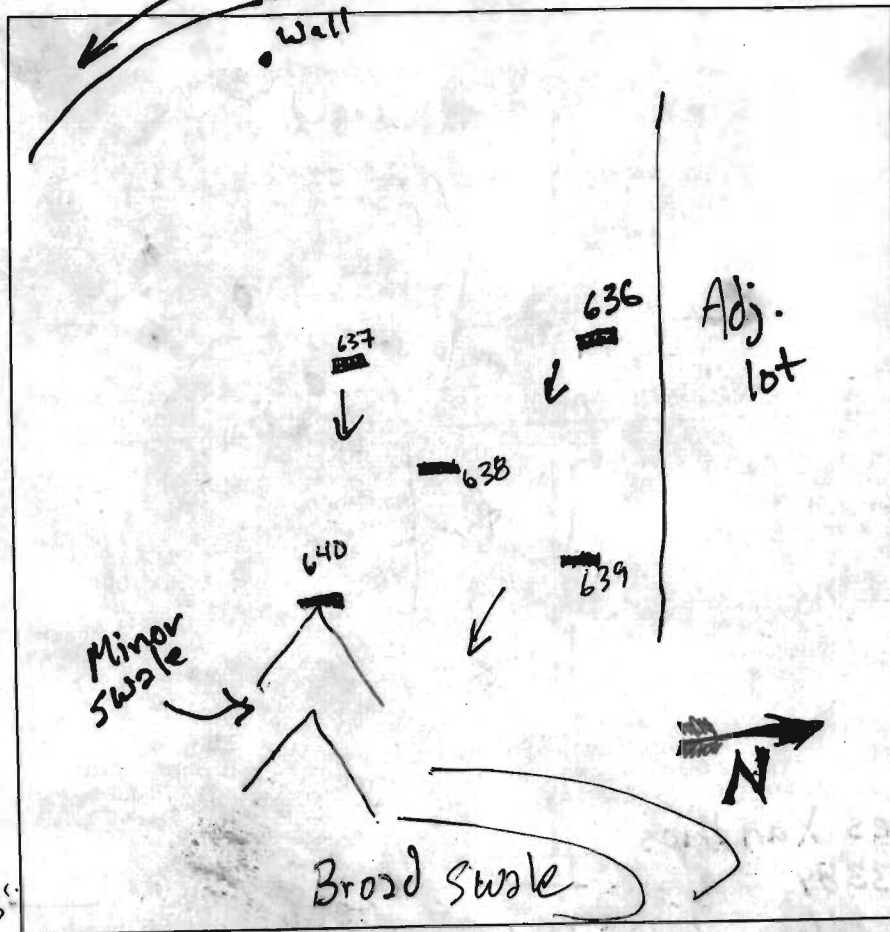
Red Yellow
SL sbk -
Platy
Yellow Red
SL
← 10' channels
Yellow Red
SL 35%
wk mica
sapr.
Yellow Red
SL
20%
wk mica
sapr.

639

Lt Yellow Brn
cw sbk
FSL
Red Brn
sbk - platy
CL
10% quartz
sapr. Brn
SL ~ 15%
mica apr.

638

Lt Yellow Brn
cw sbk
FSL
DK Red Brn
sbk - platy
CL ~ 30%
mica channels
Yellow Red
SL
← 5% qtz
cobble
Yellow
SL
~ 15%
mica
sapr.



637
Lt Yellow Brn
sbk cw SL
Lt Red Brn
sbk Heavy
2m 25%
qtz cobble
Yellow Red
heavy sbk
Yellow Brn
SL
~ 10%
mica
sapr.

636
Red Brn
Lm sbk
many roots
Yellow Brn
SIL CL
sbk few
reddish
root skins
DK Red
CL - heavy
Lm cw
(dense)
DK Red
SL < 10%
mica
flakes

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
8/7/07	640	4 1/2 / 12	9:37	9:40	9:47	7m	P
	639	5 / 12	9:56	9:58	10:01	7m	P
	638	4 1/2 / 13	10:15	10:17	10:20	3m	P
	637	6 / 12	10:36	10:41	10:46	5m	P
	636	6 / 12	10:49	10:53	10:56	3m	P

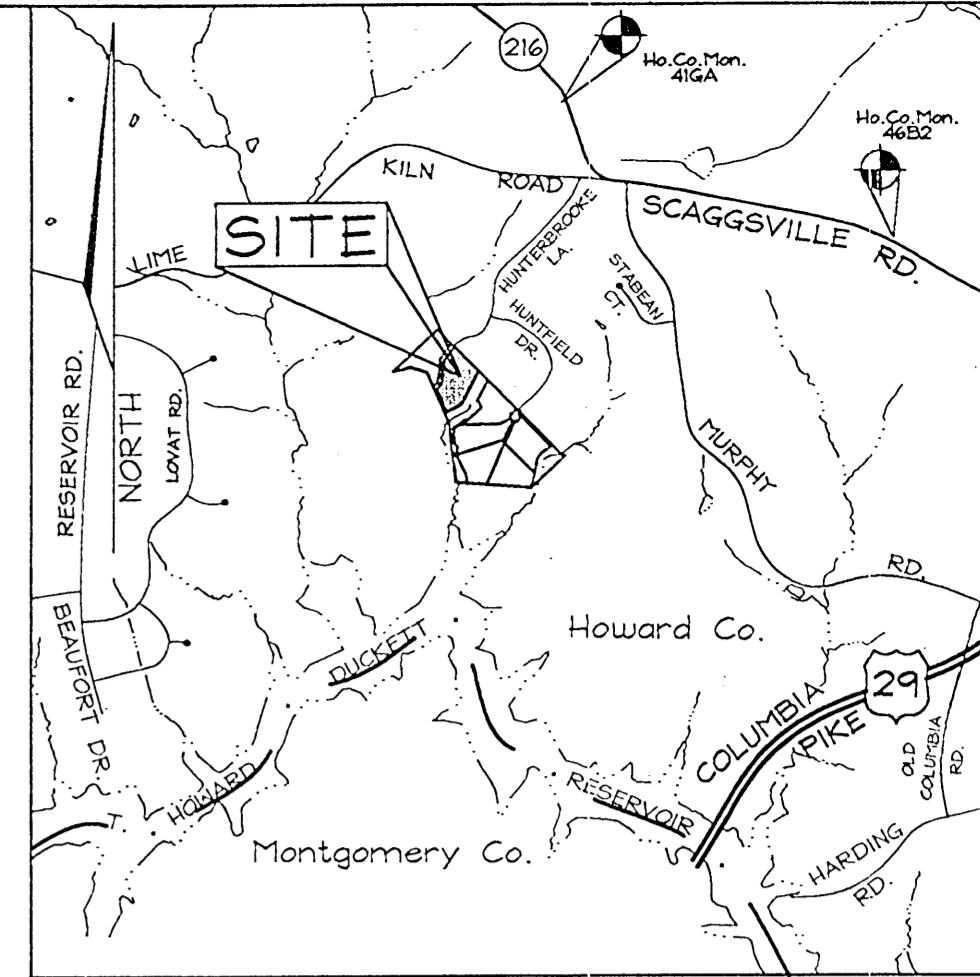
HOT! 640 is in the head of a swale

REMARKS _____
 SANITARIAN _____ BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

LEGEND

- Existing Contour -302
- Existing Spot Elevation 302.3
- Existing Trees to Remain
- Existing Stream Buffer
- Proposed Septic Easement
- Proposed Well Area
- Proposed House
- Existing Percolation Test Hole (Passed)
- Existing Percolation Test Hole (Failed)
- Existing Septic Easement
- Approximate Existing Offsite Well
- Proposed Percolation Test
- 15% to 24.9% slopes
- 25% or greater slopes

PERC. CHART	
Number	Elevation
636	419.18
637	419.37
638	422.16
639	405.62
640	399.01



VICINITY MAP
SCALE: 1"=2000'
HOWARD COUNTY, ADC MAP 18 G6

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
CHB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
EKB2	Eliok silt loam, 3 to 8 percent slopes, moderately eroded	B
EIC3	Eliok silty clay loam, 8 to 15 percent slopes, severely eroded	B
MID3	Manor loam, 15 to 25 percent slopes, severely eroded	B

GENERAL NOTES

1. This property is zoned RR-DEO per the 02/02/04 Comprehensive Zoning Plan and the Comp Lite Zoning Regulations Amendments effective 07/28/06.
2. Total area of property = 3.924 Ac.±
3. Private water, and sewer will be used within this site.
4. This area designates a private sewage easement, of at least 10,000 square feet as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This easement shall become null and void upon connection to a public sewerage system. The County Health Officer shall have authority to grant adjustments to the private sewage easement. Recordation of a revised sewage easement shall not be necessary.
5. All existing wells, septic systems and sewage disposal easements within 100 feet of the property boundaries have been shown. All reasonable efforts to find the location of all surrounding wells and septic have been utilized.
6. Howard County Soil Map #32.
7. The septic fields are located on soil types CHB2, EKB2, EIC3, MID3.
8. Existing Well Tag #H0950744 on Lot 2 to be Utilized.
9. The lot shown hereon comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.
10. On-site topography based on Field Run Topographic Survey prepared by FSH Associates in August, 2004 with two foot contours.
11. There are no existing structures, wells, septic systems and sewage easements in current use located on Lot 2.
12. Any changes to a private sewage 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 MY KNOWLEDGE AND BELIEF."

ZACHARIA YOSEF FISCH, P.E. #22418
FSH ASSOCIATES

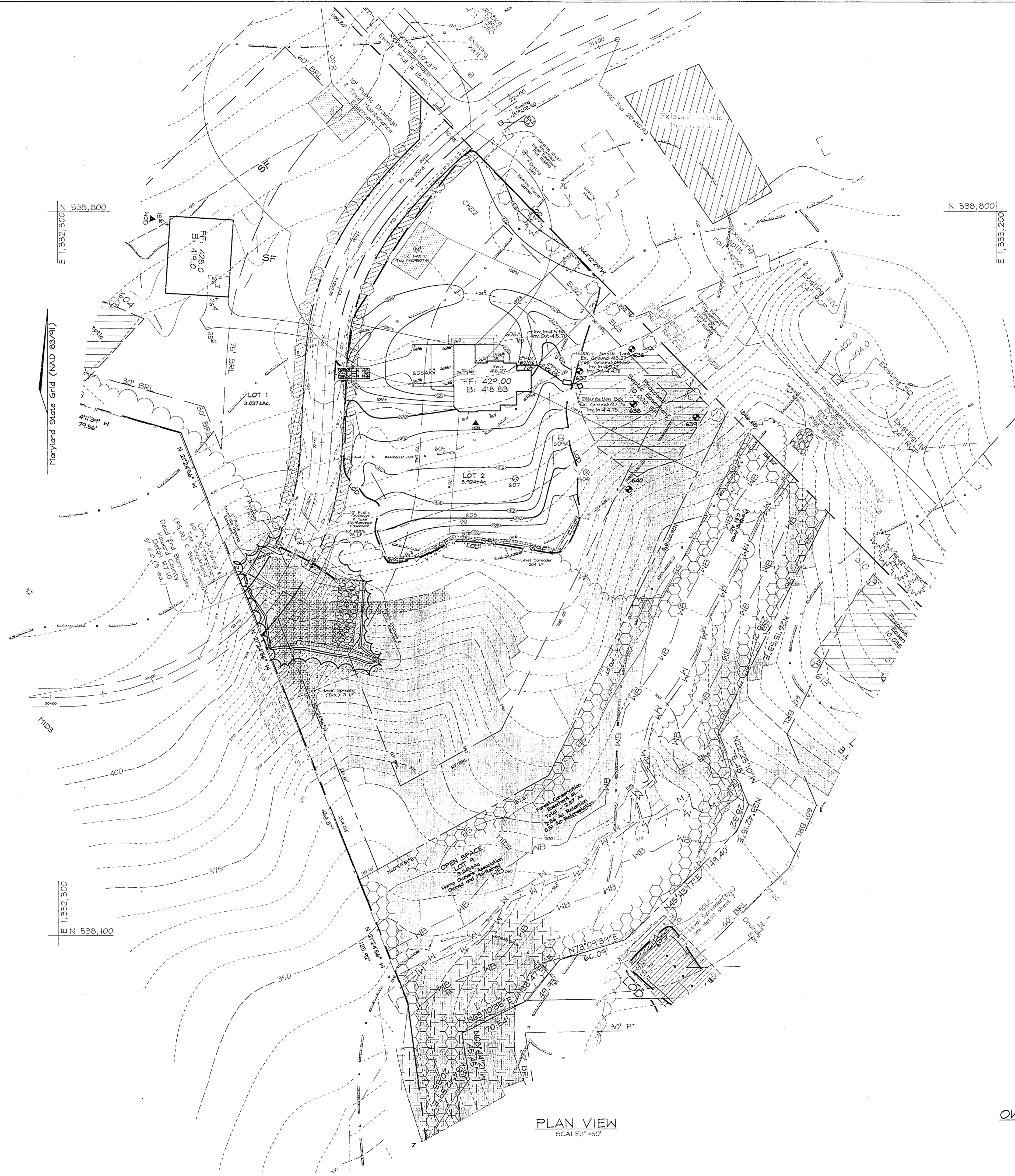
8/17/07
DATE

AMENDED
PERCOLATION CERTIFICATION PLAN
PRINCE PROPERTY
8215 HUNTERBROOKE LANE FULTON, MARYLAND 20759
LOT 2
A# 527249
TAX MAP 46 GRID 01 PARCEL 104
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

ZACHARIA YOSEF FISCH, P.E. #22418
FSH ASSOCIATES

FSH Associates
Engineers Planners Surveyors
6339 Howard Lane ElkrIDGE, MD 21075
Tel: 410-567-5200 Fax: 410-796-1562
E-mail: info@fsh.com

DESIGN BY: ZYF
DRAWN BY: HS & CED
CHECKED BY: ZYF
SCALE: As Shown
DATE: August 17, 2007
W.O. No.: 3486
SHEET No.: 1 OF 1



PLAN VIEW
SCALE: 1"=50'

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY
B. Wilson *Peter Belemson* 9/5/07
COUNTY HEALTH OFFICER DATE
HOWARD COUNTY HEALTH DEPARTMENT

OWNER/DEVELOPER
JAMES XANTHOS
10675 Glen Hannah Drive
Laurel, Maryland 20723-1264
Telephone: (301) 801-3339



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(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

08/08/2007

To: Attn: Heather Sterquel
FSH Associates
6339 Howard Lane
Elkridge, MD 21075
VIA FACSIMILE: (410) 796-1562

From: Gabe Creighton, Sanitarian
Well and Septic Program

Re: Percolation Testing: A527249
Xanthos Property
Prince Property, Lot 2
Hunterbrooke Ln.
Fulton, MD 20759
Re-Perc of existing lot

Ms. Sterquel,

Percolation testing conducted 8/7/2007 on the above referenced property has yielded favorable results for relocating the septic area on the referenced property. A limiting condition encountered was the topography (swale) in the area of test #640. This will not impact the proposal, as long as the proposed septic area maintains 25 feet of separation from the centerline and head of this topographical feature. Further review of the project is contingent upon submittal of a Percolation Certification Plan as required by Howard County Code Subtitle 3.8. If possible at this time, include on this plan the footprint of the proposed house.

Enclosed for your reference is a summary of these regulations, a copy of the test notes, and a markup of the plan submitted for percolation testing to illustrate the revisions needed to the proposed septic area.

Upon receipt of the Percolation Certification Plan, this office will review the plan to ensure the application of state and local codes and regulations. If deemed appropriate, the plan will be approved. Once this is completed, a building permit may be issued by this department when the appropriate permit application materials have been submitted.

If you have any questions regarding this process, or generally need to contact me, at this time or in the future, please do not hesitate to contact me directly at (410) 313-2775.

Respectfully,

A handwritten signature in black ink, appearing to read 'Gabriel A. Creighton'.

Gabriel A. Creighton, R.S.
Development Coordination Section
Well and Septic Program

Enclosures

cc: File

James Xanthos, 10673 Glen Hannah Drive, Laurel, MD 20723