

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 520429-A

AGENCY REVIEW: _____

DATE 6/17/2004

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 _____ 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) Greenfield Homes, Inc.

DAYTIME PHONE 410 781 6782 CELL _____ FAX _____

MAILING ADDRESS 6656 LUSTER DRIVE HIGHLAND MD 20777
STREET CITY/TOWN STATE ZIP

APPLICANT FSH ASSOCIATES

DAYTIME PHONE 410 750 2251 CELL _____ FAX 410 750 7350

MAILING ADDRESS 8318 FORREST ST ELLCOTT CITY MD 21043
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME VANT HOFF PROPERTY LOT NO. 1

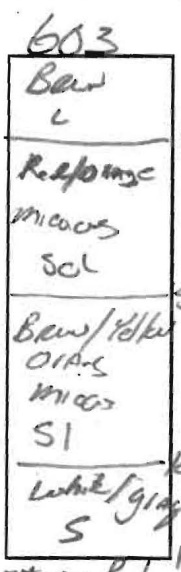
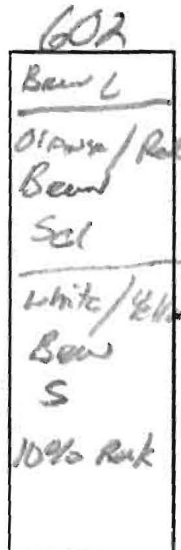
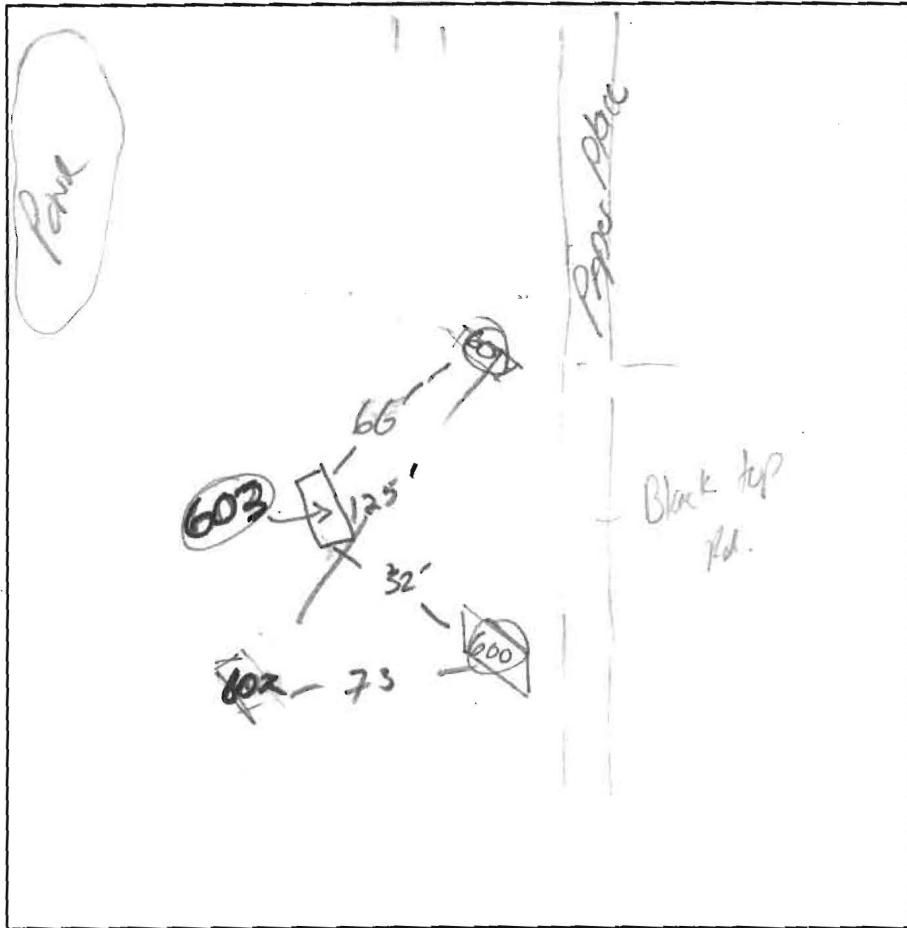
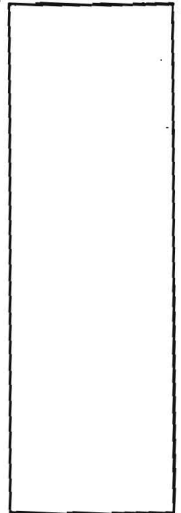
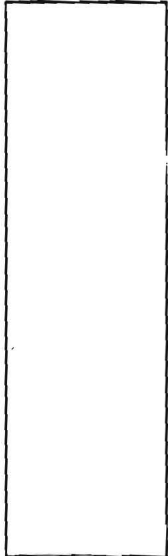
PROPERTY ADDRESS 6543 N PAPER PLACE HIGHLAND
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID 17 PARCEL(S) 393 PROPOSED LOT SIZE 5.01 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]
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



600

Brown L
Orange/Red
Scl
w/ 20%
Strong Qtz
Yellow/Brown
Red micaceous
Scl
Trace Rock
Brown/Yellow
micaceous SI
White/gray

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/8/04	600	6 1/2' / 12'	9:07	- Polled	9:15 - no movement		F
		7' / 12'	9:21	9:49	- Polled	10:30	F
	601	6' / 12'	9:28	9:30	9:33	3 min	P
	602	5 1/2' / 12'	10:52	10:53	10:54	1 min	F
	Re-Pour	5 1/2' / 12'	10:54	10:56	10:58	2 min	P
	603	6' / 11'	11:03	11:04	11:05	1 min	F
	Re-Pour		11:05	11:07	11:09	2 min	P

601

Brown L
Red/Orange
Yellow
micaceous
Scl
Brown/Yellow
white
micaceous
White
gray
S
Trace Rock

REMARKS (600) -

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

APPLICATION

PERCOLATION TESTING

A 56366-D

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 12-11-95

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Rudolph Van't Hoff

ADDRESS 6651 Paper Place, Highland, MD 20777 PHONE (301) 854-2650

AGENT OR PROSPECTIVE BUYER O'Connell & Lawrence, Inc. (Surveyor/Engineer)

ADDRESS 17904 Georgia Avenue, Suite 302, Olney, Maryland 20832 PHONE (301) 924-4570

PROPERTY LOCATION:

SUBDIVISION Van't Hoff Property LOT NO. Lot 1

ROAD AND DESCRIPTION Paper Place, Highland, Maryland 20777

TAX M.*P 34 PARCEL # 393

SIZE OF LOT 5 ac. average TYPE BLDG. single family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Michael J. Kelly for owner
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

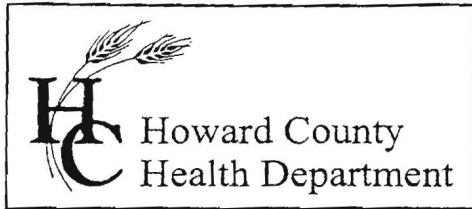
HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(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
July 12, 2004

Greenfield Homes, Inc.
6656 Luster Drive
Highland, MD 20777

RE: PERCOLATION TEST RESULTS
Tax Map 34, Parcels 393
Septic area relocation

Greenfield Homes, Inc.:

Percolation testing conducted July 8, 2004 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) Actual locations and elevations of all excavated test holes
- 2) Suitable house locations
- 3) The existing sewage disposal area on the property
- 4) Locations of any other relevant features such as streams, swales, or existing structures
- 5) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 6) A note indicating that depicted topography reflects field-matched information
- 7) A health officer signature block stating "approved for private water and private sewer systems"
- 8) A MDE sewage disposal area statement is required

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Sincerely,

Kevin J. Bell
Water and Septic Program

KB
Enclosures
cc: FSH Associates
File

ER PLACE

50' R/W

MgB2

EX. PAVEMENT

471.51'

713.21'

3.4544 ACRES

LOT 21
PLAT 6744

LOT 1
4.8224 ACRES

F-86-112

LOT 22
PLAT 6744

EX. POND
W.S.E. = 423

25 WETLANDS
612.66'

BUFFER

EXISTING
SEPTIC
EASEMENT

LOT 8
PLAT 6674

Approved Perc. Cert.

MgB2

MgB2

420

430

440

440

450

450

460

450

440

378.04' W

N 02.10.39° W

S 93.00.21° W

S 51.20.0° W

S 71.15.10° W

N 328.45°

586.18'

551.13'

744.92'

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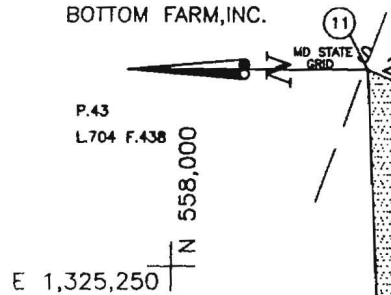
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PERSIMMON
BOTTOM FARM, INC.



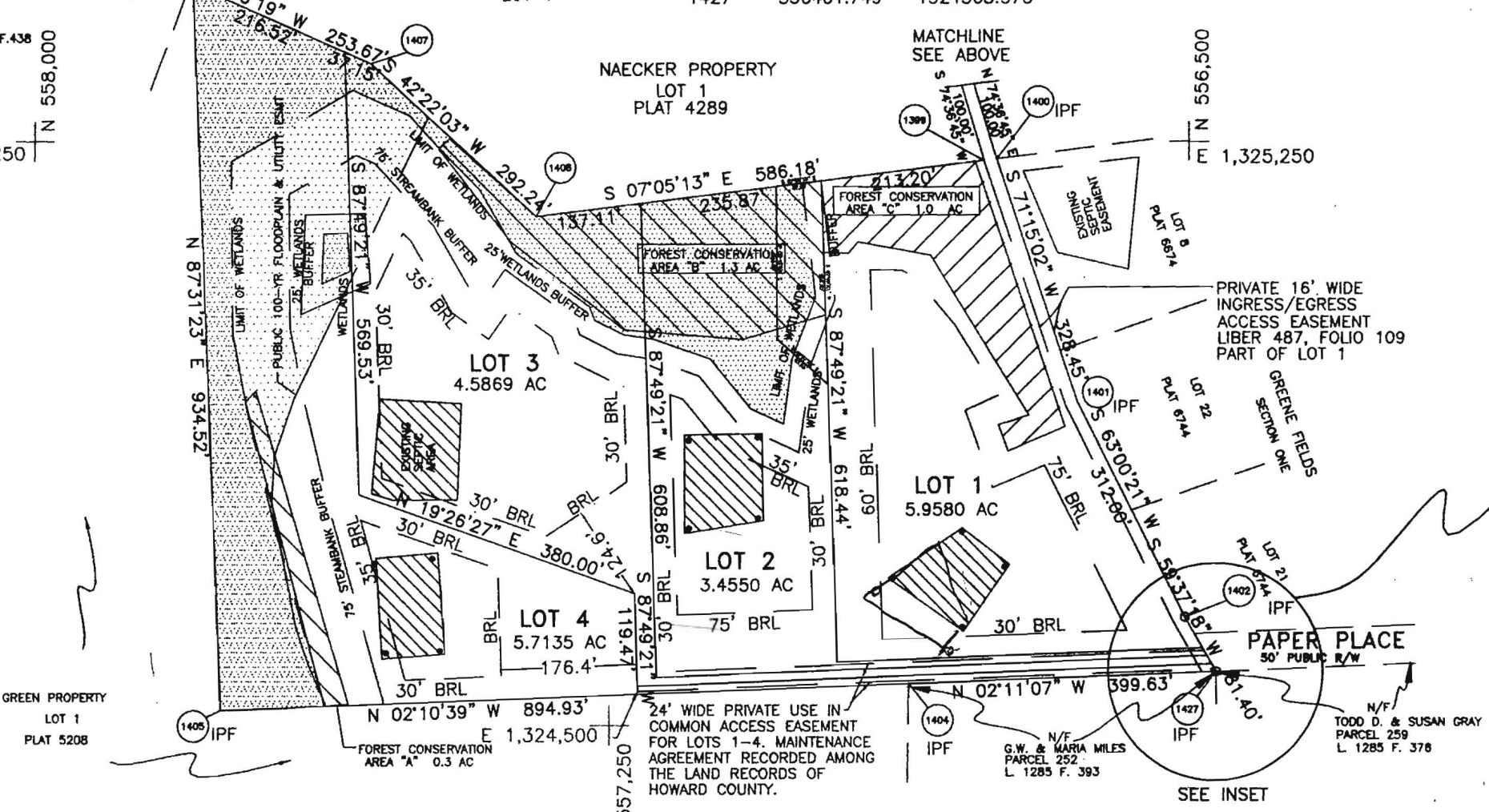
1420	557369.874	1326867.571
1421	557465.596	1326401.248
1422	557453.682	1326316.704
1423	557008.621	1326107.789
1424	556955.922	1326056.713
1425	556935.339	1325840.532
1427	556461.749	1324568.375

LOT 1

NAECKER PROPERTY
LOT 1
PLAT 4289

MATCHLINE
SEE ABOVE

N 556,500
E 1,325,250



GREEN PROPERTY
LOT 1
PLAT 5208

FOREST CONSERVATION
AREA "A" 0.3 AC

24' WIDE PRIVATE USE IN
COMMON ACCESS EASEMENT
FOR LOTS 1-4. MAINTENANCE
AGREEMENT RECORDED AMONG
THE LAND RECORDS OF
HOWARD COUNTY.

N/F
G.W. & MARIA MILES
PARCEL 252
L 1285 F. 393

N/F
TODD D. & SUSAN GRAY
PARCEL 259
L 1285 F. 376

F-96-170

MINIMUM LOT SIZE CHART

LOT	GROSS AREA ACRES	PIPESTEM AREA ACRES	REMAINING AREA ACRES
1	5.9580	0.0000	5.9580*
2	3.4550	0.1159	3.3391
3	4.5869	0.2429	4.3440
4	5.7135	0.1816	5.5319

* THE ACREAGE INCLUDES A 2900' X 16' (1.0652 ACRES) CONNECTION TO MD 108 WHICH IS NOT A PIPESTEM

FINAL PLAT TABULATION

	TOTALS
TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED:	4
TOTAL AREA OF LOTS AND/OR PARCELS:	19.7134 AC.
TOTAL AREA OF ROAD RIGHT-OF-WAY TO BE RECORDED INCLUDING WIDENING STRIPS:	0.0000 AC.
TOTAL AREA OF SUBDIVISION TO BE RECORDED:	19.7134 AC.

OWNER'S CERTIFICATE

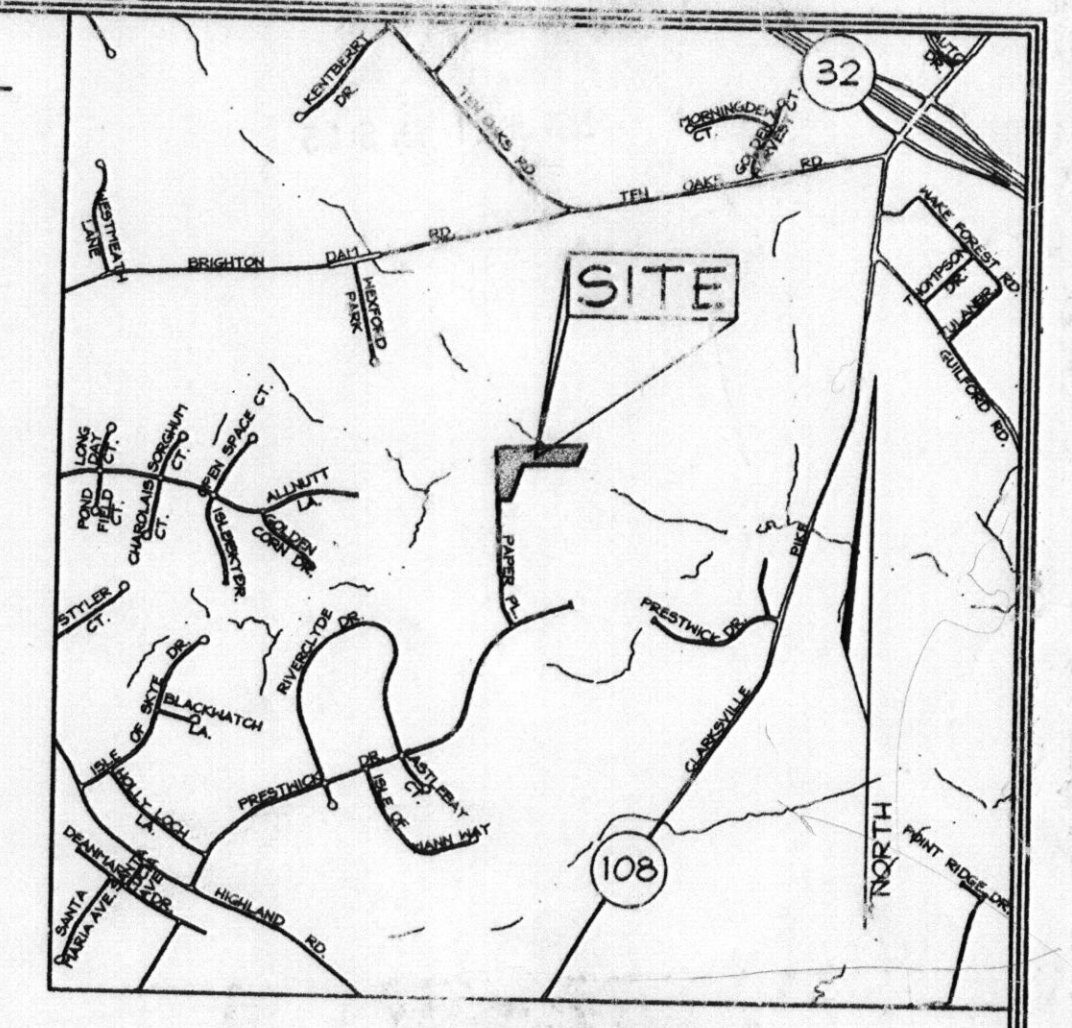
PROVED: FOR PRIVATE WATER AND PRIVATE WASTE SYSTEMS FOR HOWARD COUNTY HEALTH

We, Rudolf and Kathryn A. Huff

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
Ba	Boile silt loam	D
GiB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
GnA	Glenville silt loam, 0 to 3 percent slopes	C
MgB2	Manor gravelly loam, 3 to 8 percent slopes, moderately eroded	B
MgC2	Manor gravelly loam, 8 to 15 percent slopes, moderately eroded	B
MID2	Manor loam, 15 to 25 percent slopes, moderately eroded	B

LEGEND

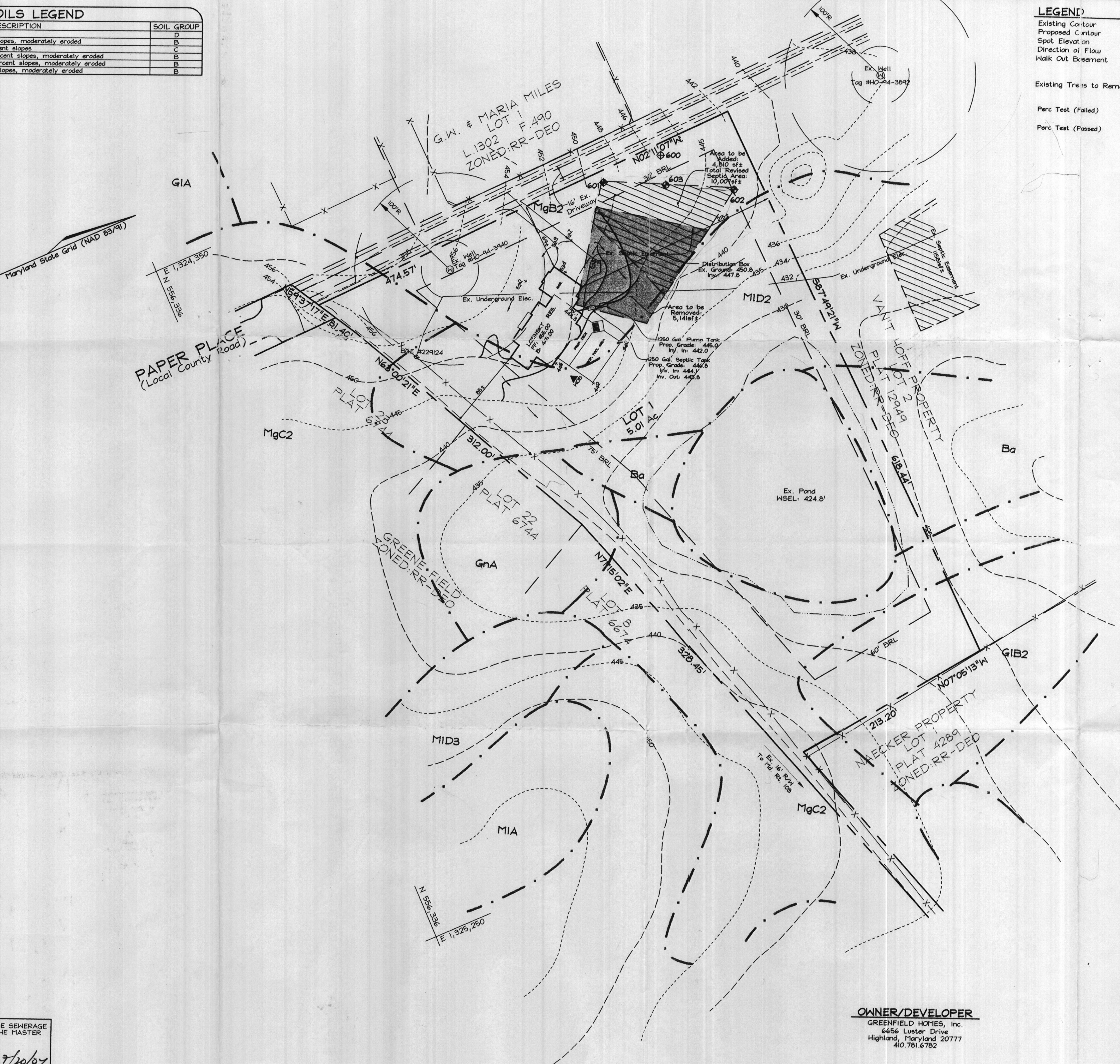
- Existing Contour
- Proposed Contour
- Spot Elevation
- Direction of Flow
- Walk Out Basement
- Existing Trees to Remain
- Perc Test (Failed)
- Perc Test (Passed)



VICINITY MAP
SCALE: 1"=2000'

GENERAL NOTES

1. Reference: Plat #12949
2. Five (5) foot contours are taken from the existing topographic map and have been adjusted to the proposed ground surface.
3. Registered Land Surveyor, in January 2004.
4. If any conflicts arise, contact Engineer before beginning any work.
5. Driveaway entrance to be constructed in accordance with Howard County Standard Detail R.6.06.
6. Private water, and sewer will be used within this site.
7. This area designates a private sewage reserve area, 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 reserve areas 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 reserve area. Recordation of a modified sewage reserve area shall not be necessary.
8. All wells and septic fields within 100' of property's boundary have been shown.
9. Howard County Soil Map #23
10. Septic fields are located on soil types MID2 and MgB2 as per the soil survey of Howard County.
11. The purpose of this plan is to revise the existing septic easement to allow for house positioning.



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

[Signature] 7/20/07
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT

OWNER/DEVELOPER
GREENFIELD HOMES, Inc.
6656 Luster Drive
Highland, Maryland 20777
410.781.6782

PERCOLATION CERTIFICATION PLAN
VAN'T HOFF PROPERTY
LOT 1, #520429-A

TAX MAP 34 GRID 17 PARCEL 393
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FSH Associates
Engineers Planners Surveyors
8318 Forest Street Elkton City MD 21113
Tel: 410-750-2251 Fax: 410-750-7351
E-mail: FSHAssociates@cs.com

DESIGN BY: PS
DRAWN BY: AR/BB
CHECKED BY: ZYF
SCALE: 1"=50'
DATE: July 13, 2004
P.L.O. No: 3199
SHEET No: 1 OF 1