



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

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 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) Terje & Lorraine Gulbrandsen

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT Greenfield homes Inc. / FGH Associates Tel: (410) 750-2251
DAYTIME PHONE (410) 781-6782 CELL (410) 370-1973 FAX Fax: (410) 750-7350

MAILING ADDRESS 6650 Luster Drive Highland MD. 20777
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME TRIADELPHIA ESTATES LOT NO. 4

PROPERTY ADDRESS 12500 TRIADELPHIA RD. ELLICOTT CITY MD. 21042
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 22 GRID 5 & 6 PARCEL(S) 528 PROPOSED LOT SIZE 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.

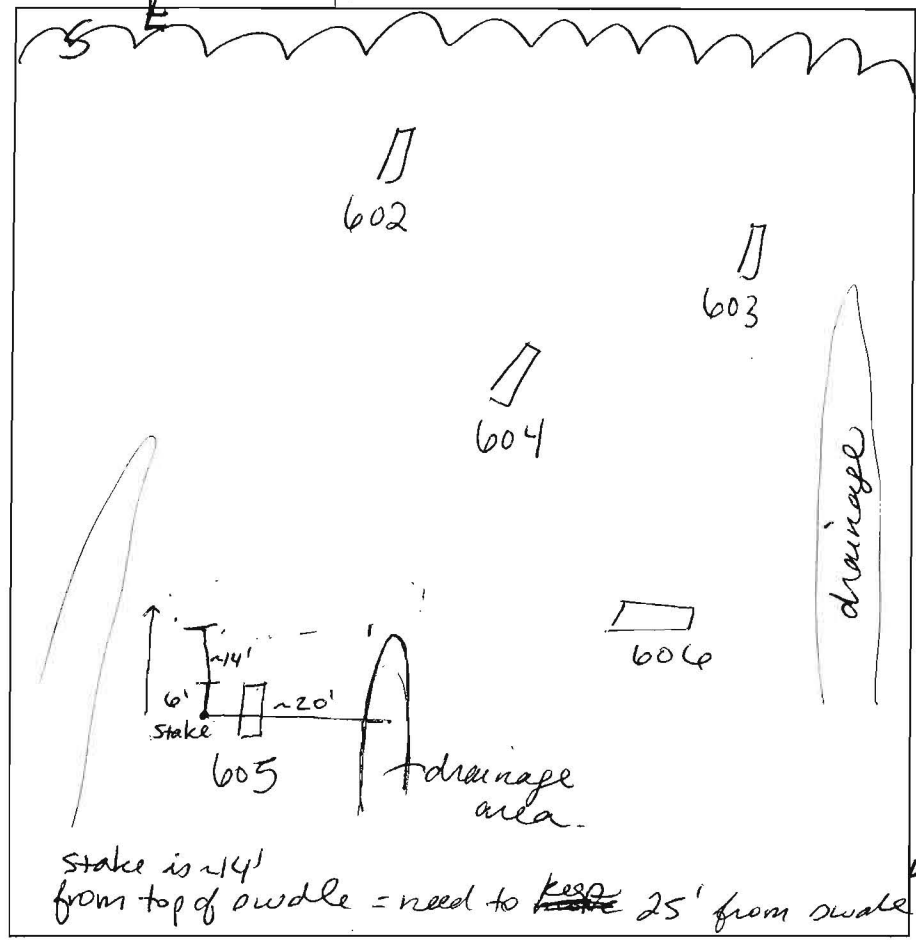
Isacharia Y. Fisk
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

Lot 4
A/P

W N
E

House



604

dark brown
L roots
1'
reddish yellow
scl sbk
micaceous
5'
pale brown chert
fsl
micaceous
11'
cw

603

dark brown
L
1'
reddish yellow
scl
5'
brownish yellow
scl ss
micaceous
6'
cw
7'
15 ss
12'

602

dark brown
L roots
1'
reddish yellow
scl
micaceous
cw sbk
5'
brownish yellow
13'
scl ss
micaceous

605

dark brown
L
1'
red
fsl sbk
micaceous
3'5"
solo
gravel
reddish brown
scl sg
micaceous
brownish yellow
scl ss
5% chert
coarse chert
14'
606
dark brown
L roots
5"
brown
dense scl
very micaceous
4'5"
brown
scl sg
micaceous
15 ss
13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/19/05	602	5'5" / 13'	3:04	3:07	3:11	4	P
	603	6'5" / 12'				visual ok	NP
	604	5' / 11'	2:53	2:56	2:58	6	P
	605	6' / 14'	1:59	2:07	2:16	9	P
	606	6' / 13'	2:38	2:42	2:49	7	P

REMARKS #605 stake needs to be moved uphill ~20' and keep 25' off of drainage area.
SANITARIAN SF BACKHOE K & K OTHERS
TEST HOLES USED IN SDA AVG. PERC TIME 6.5 SQ. FT/BR 180
TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH 7 EFFECTIVE SW .62
1' midwall

A/P _____



REMARKS Holes dug per plan

SANITARIAN SF BACKHOE K+K OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME 3 SQ. FT/BR _____

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

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE SW

A/P

12500 Triadelphia Triadelphia Estates

House

A

631

heavy l.
630

Triadelphia Rd

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
10/18/00							
	A	45" / 13'	11:57	12:00	12:06	6	P
631	B	5' / 13-14'	12:08	12:12	12:19	7	P
630	C	5'5" / 13'	12:23	12:26	12:29	3	P

REMARKS

Holes dug per plan

SANITARIAN

SP

BACKHOE

K & K

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE SW

waste dump

1-2'

630
dark brown
s.s.
uphill downhill
dark brown red brown
heavy s.s. &
dense in ground
milling
cobble
25%

4-5"

631
dark brown
s.s.
brownish red
heavy l.
dense in ground
milling
10%
quartz
sand
fine brown
s.s.
micaceous
squidite
25% clanner
gravel
the bottom

13'

15% clanner

A/P

Towards House ↑

607

dark brown

reddish
yellow

f scl m.
micaceous

yellow	trace
sl sg	rock
micaceous	

↓ 15 cm

13

608

609

609

gray brown
L roots

red
f scl
miscellaneous

red
dense s!
mucous

5' - red 5%
5' - strong
15 - white
12 - very micaceous

608

dark brown
L roots

reddish yellow

512 m/sk
milasuuu

brownish
yellow
dense sil.
micaceous

~~extra~~ pale brown
51

Triadelphica Rd

[illegible]

REMARKS #609 ^{bottom @ 8'} effective area 5' w/ evidence of stony/cobbles.

SANITARIAN SF BACKHOE K+K OTHERS ✓

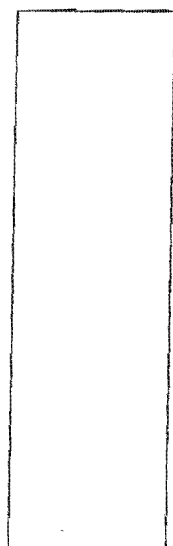
TEST HOLES USED IN SDA _____ AVG. PERC TIME 2.8 SQ. FT/BR _____

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

2' sidewalk

A/P

House



605

dark brown
L

red
f scl sbk
micaceous

reddish brown

Sl sg.
micaceous

brownish yellow
SI / IS SS

5 1/2 chest

lolo

dark brown
L roots

brown
dense st
very micaceous

brown
sl, sg

micropiliduo
15 sf ✓

602

603

604

606

Stake is 14' from top of pile = need to ~~keep~~ 25' from oval

drainage

604

dark brown
2 roots

reddish yellow
scl sbk
milcaulous

pale brown	clint
fsl	gravel
micaceous	
clw	

603

dark brown

reddish yellow
sc/

brownish
yellow
sl ss
micaceous

155g

602

dark brown
L roots

reddish yellow
sc1

micaceous
cr sbk

brownish
yellow

51/155
micaceous

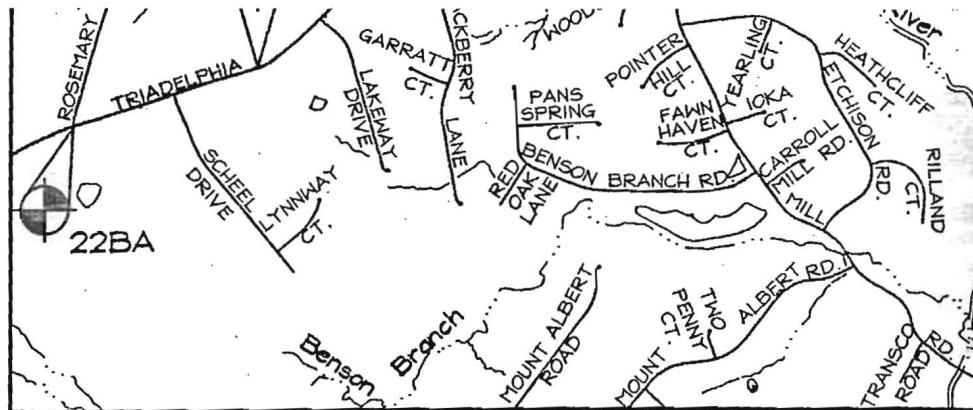
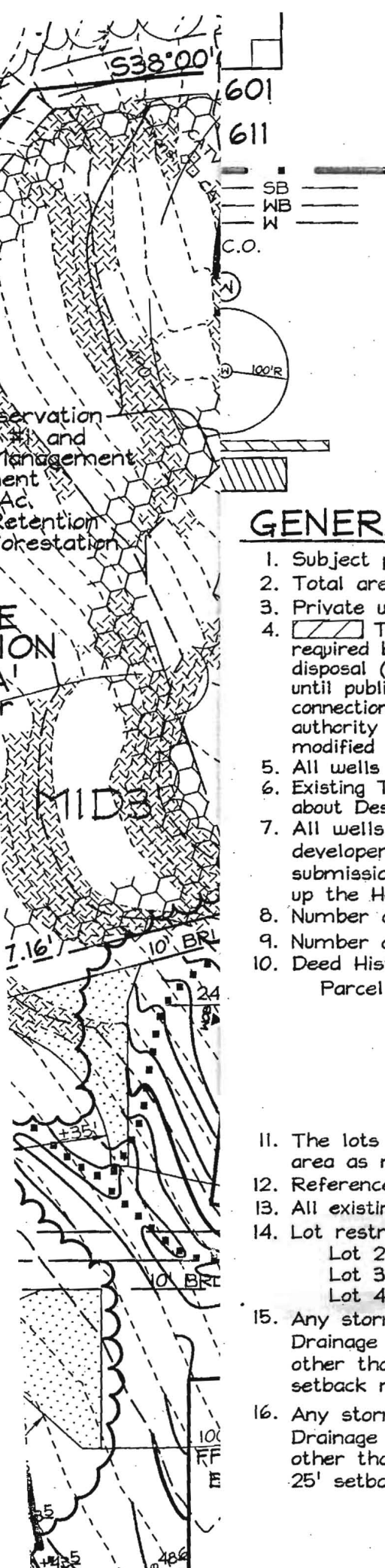
[illegible]

REMARKS *Slight drainage area near 603 + 606 = adjacent distance away*
#605 stake needs to be moved uphill ~20' and keep 25' off of
 SANITARIAN *SF* BACKHOE *K + K* OTHERS *drainage*
area

TEST HOLES USED IN SDA _____ AVG. PERC TIME 6.5 SQ. FT/BR 100
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH 37 EFFECTIVE S/W .62

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH 3.7 EFFECTIVE SW .62
1 mil wide

323.73



VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES

1. Subject property zoned RR-DEO per 02/02/04 Comprehensive Zoning Plan.
2. Total area of property = 10.050 ac.±
3. Private water and Private sewer will be used within this site.
4.  This area designates a private sewage easement, 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 sewerage is available. These easements shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
5. All wells and septic fields within 100' of property's boundary have been shown.
6. Existing Topography on site is based on field run survey by FSH Associates on or about December, 2005.
7. All wells to be drilled prior to submittal of record plat for signature. It is the developer's responsibility to schedule the well drilling prior to final plat submission. It will not be considered 'government delay' if the well drilling holds up the Health Department signature of the record plat.
8. Number of proposed lots: 4
9. Number of Buildable Preservation Parcels: 1
10. Deed History:
 - Parcel 528: December 2006-present: Samuel M. and Andrea Rozolem
 - March 2006-December 2006: Tridelphia Estates, LLC
 - 1985-March 2006: Terje and Lorraine Gulbrandsen
 - 1983-1985: Terje and Lorraine Gulbrandsen and
 - Michael Maurice Hasty and Deborah Patterson Hasty
 - 1916-1983: Charles and Mary C. Carroll
11. The lots shown hereon comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.
12. References: Plat 6285
13. All existing structures and site improvements to remain unless otherwise noted.
14. Lot restrictions:
 - Lot 2 = 4 Bedroom Maximum
 - Lot 3 = 5 Bedroom Maximum
 - Lot 4 = 5 Bedroom Maximum
15. Any stormwater management uses within the "Private Use-In-Common Access Drainage Stormwater Management and Utility Easement for Lots 2, 3 & 4" other than for purpose of non-rooftop disconnect, will not comply with 25' setback required by the Howard County Health Department.
16. Any stormwater management uses within the "Private Use-In-Common Access Drainage Stormwater Management and Utility Easement for Lots 2, 3, & 4" other than for purposes of non-rooftop disconnect, will not comply with the 25' setback required by the Howard County Health Department.