



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 4/5/06 TEST TIME 9:00 am CAP 5 22508
 AGENCY REVIEW: _____ DATE 6/3/05

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) Julian Jimenez (GARCIA)

DAYTIME PHONE _____ CELL 703-932-4619 FAX _____

MAILING ADDRESS 15271 Fredrick Rd WOODBINE MD 21797
STREET CITY/TOWN STATE ZIP

APPLICANT William H Brown STRAIGHT UP Custom Homes Inc.

DAYTIME PHONE 410-795-6279 CELL 410-382-1668 FAX 301-829-1592

MAILING ADDRESS 2425 Flagmarsh Rd MT AIRY MD 21771
STREET CITY/TOWN STATE ZIP


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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 15271 Fredrick Rd Woodbine MD LOT NO. _____

PROPERTY ADDRESS 15271 FREDRICK Rd WOODBINE MD 21797
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 8 GRID _____ PARCEL(S) 162 PROPOSED LOT SIZE _____

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

A/P 6

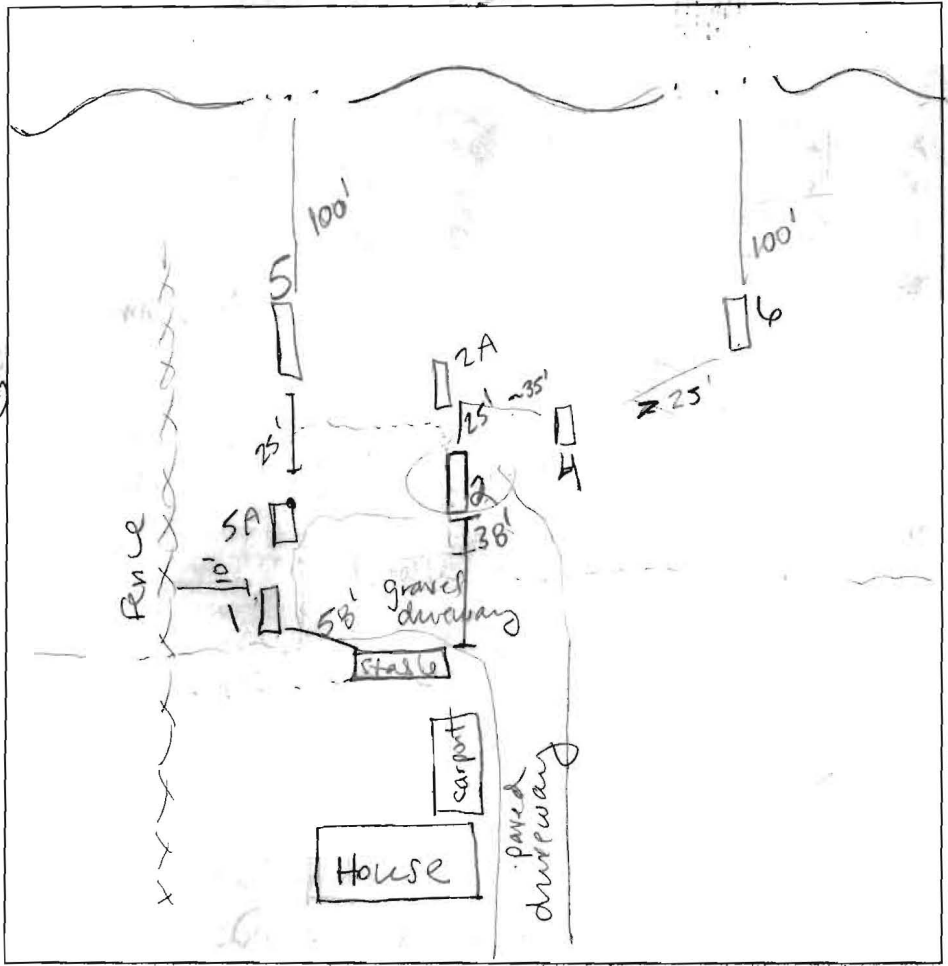
1'9" brown L
yellow (orange) brown L
yellow brown sil
p3 mottles black/blue gray
yellow brown sil
f2 mottle

2

5" gravel
orange brown sil abk cw
yellow brown sil sg cw
f1 mottles (yellow gray brown)
d1 mottles (gray yellow)
sil sg cw
water seepage

5

1' all brown L
yellow brown sil - vad
gray mottle
yellow brown
f sil cw sg
10% gravel
water seepage
water



2A

1'7" brown L (fill)
red brown orange vad sil -> sil sbk
3'5" yellow orange white matrix
f1 mottles sil sg
7'3" gray white starts

SA

fill brown L
pink bk h L
yellow brown d sil - sil
cw
msi sg
water 10% gravel
10'

1

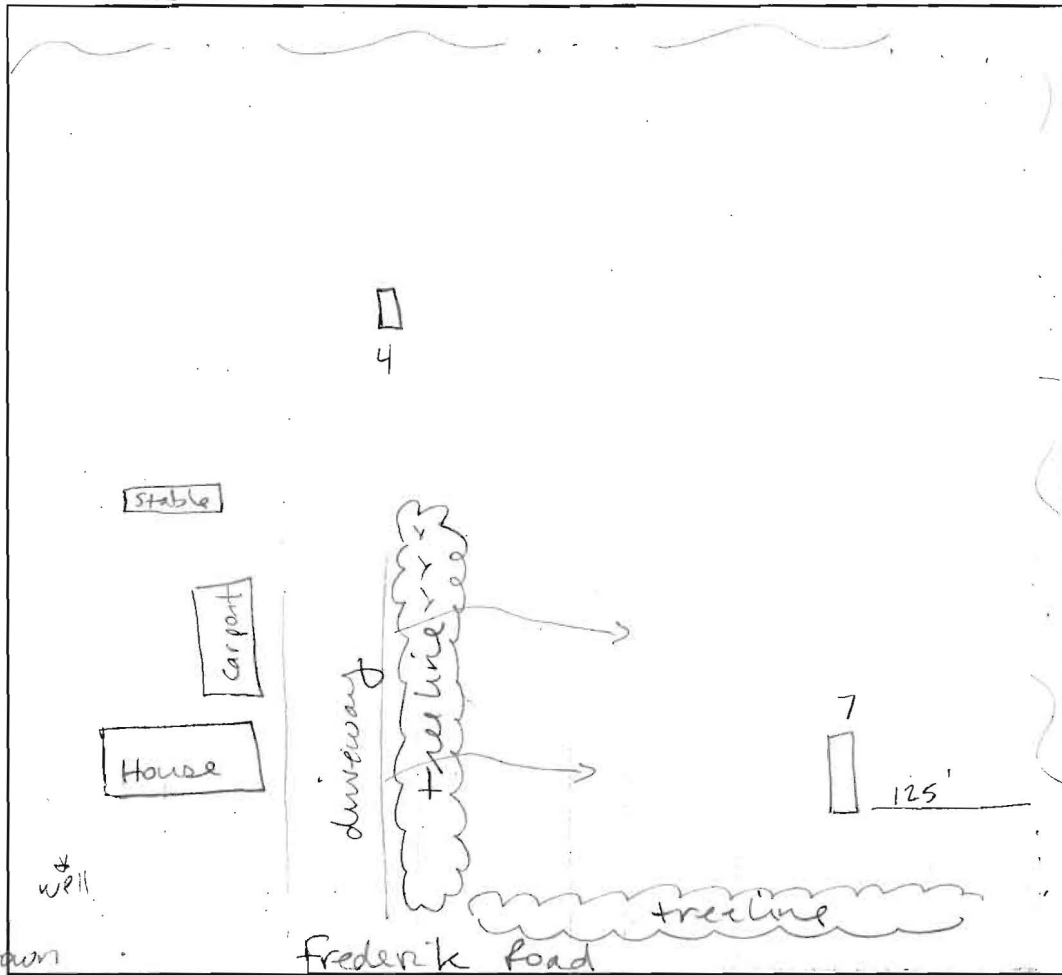
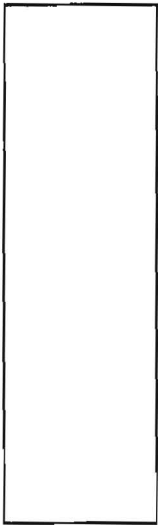
1.5' old drainage field dark brown sil d sil sg
24'
sil?
12' water at bottom

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
7/1/05	1	12'		hit drainage		fid	F
	2	9'		mottles			F
	4	10'		water at 5'			F
	5	10'		water and mottles			F
	2A	7'3"		mottles			F
	SA	10'		water			F
	6	5'3"		mottles			F

REMARKS Holes field located - determined soils to be wet season soil
 SANITARIAN SP BACKHOE Freedom (Dave) SEPTIC OTHERS Bill Brown
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

wet season soils =

A/P _____



4
 8" brown L
 gray brown L
 1'6" yellow brown d scl
 4'3" fl mottles white/yellow/brown
 5' brown si abk sg cw
 5'5" seepage
 fl mottles yellow brown
 10'

7
 brown L
 yellow brown msl sg
 4' d2 mottles orange/gray quartz rock 5%
 4'3" seepage
 fl mottles orange/brown
 5'5"

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
7/1/05	4	10'		mottles/water			F
	7	5'5"		mottles/water			F

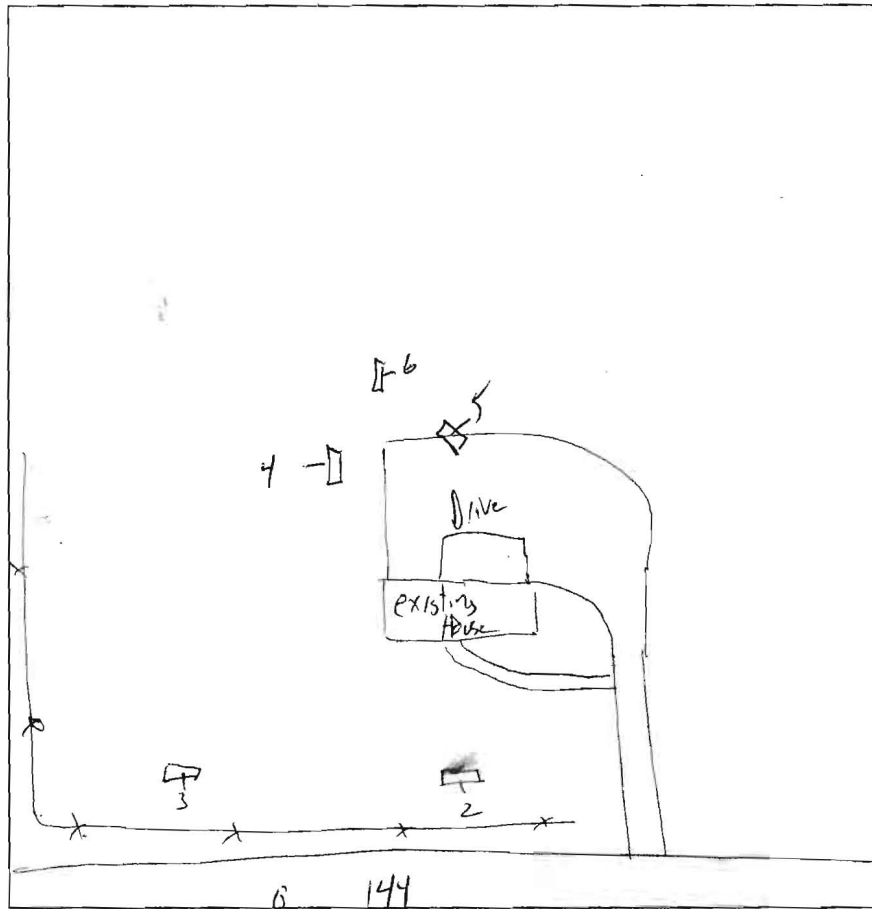
REMARKS Holes field located
 SANITARIAN SF BACKHOE Freedom Septic (Dave) OTHERS Bill Brown
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

A/P _____

1
Brown
Orange/Brown
Side
Yellow/Brown
SL
Yellow/Red
SL w/
H₂O
↓
10'

2
Brown
Brown cl
orange/yellow
silt
Red/orange
SL
white/red
SL w/
fine
rock

3
Brown
Red/orange
heavy
silt
Orange/white
Brown fine
SL
w/ 5-10%
fluffy
rock



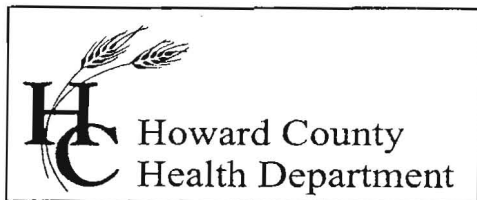
6
Brown
Black
fill
Orange/Brown
SIL
w/ fine
rock
H₂O
7'

5
gravel
Brown/orange
silt
Black
fill
Red/orange
silt
Yellow/Brown
SL
white/red
Brown SL
w/
H₂O
11'

4
Brown
Orange/Brown
silt
Black fill
Orange/Brown
Brown
silt
Yellow/Brown
SL
H₂O
10'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/5/00	1	4' / 10'	8:47	9:04	9:26	22 min	P
	2	4' / 11'	9:50	Red pipe @		10:20	slow F
	3	4' / 11'	10:01	10:05	10:10	5 min	P
	4	3' / 10'	10:15	Red pipe @	10:10	slow	F
	6	- / 7'	- Visual -				F
	2	11'	10:43	10:52	11:12	20 min	P
	5	- / 11'	- Visual -				F

REMARKS (1) - too deep retest @ 3'
 SANITARIAN KSB BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 16 SQ. FT/BR 240
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



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

July 5, 2005

Julian Jimenez Garcia
15271 Frederick Road
Woodbine, MD 21797

RE: PERCOLATION TEST RESULTS – A522508
Tax Map 8, Parcel 162
15271 Frederick Road

Dear Mr. Jimenez Garcia:

Percolation testing was to be conducted on July 1, 2005 on the referenced property. Soil conditions of the holes evaluated were classified as both “non-testable” soils and “wet season” soils. Wet season soils need to be tested during the wet season between February and April. These soil types are characterized by mottling, which was found as shallow as 2’ below grade, and water seepage, which was found as high as 4’ below grade. Copies of the test results are enclosed. Also enclosed is an explanation of wet season soils, and highlighted are the soil types found on the property. Due to the present soil conditions on the property, sand mound testing is recommended during the wet season testing period.

Further testing and 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 marked as passed and failed
- 2) Locations of any other relevant features such as streams, swales, slopes 12% or greater, or existing structures
- 3) Lay out two complete sand mound systems on 1’ contour
- 4) In General Notes, ensure there is a MDE sewage disposal area and lot width statement, a note certifying that all existing wells and septic systems are within 100 feet of the lot, and a note indicating that depicted topography reflects field-matched information

The percolation certification plan should be submitted between February and April 2006 for wet season testing. The percolation test fee paid June 3, 2005 will be applied to the sand mound testing. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Sincerely,

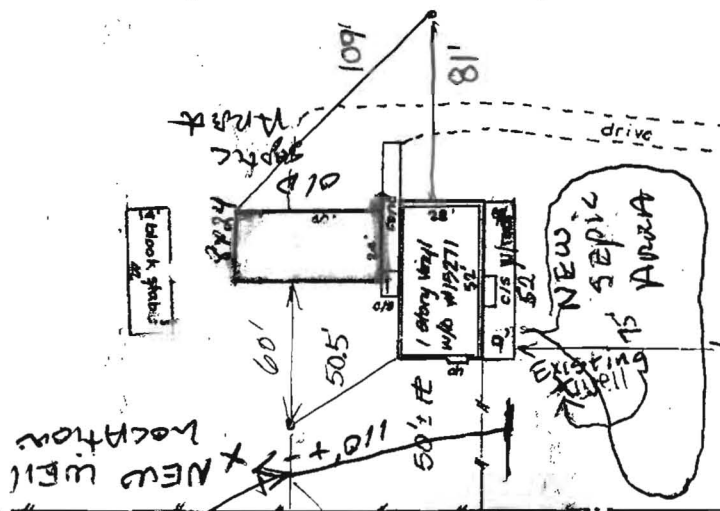
Sara Fegel
Water and Septic Program
Development Coordination Section

SF
Enclosures
Cc: William Brown, Straight Up Custom Homes
File

28°30'W
33.93'

1.60

Nancy Q. Seesman
L. 440 F. 566
5.000 Acres



80' STATE R/W LINE

965.52'
960.11'E

MD ROUTE 144 FREDERICK ROAD

N. 69° 22' E

620.65

I hereby certify that improvements have been located and depicted herein, in relation to recorded property descriptions, at a nearest foot accuracy, and that there are no encroachments except as shown.

WESS
Registered Professional Surveyor
Maryland

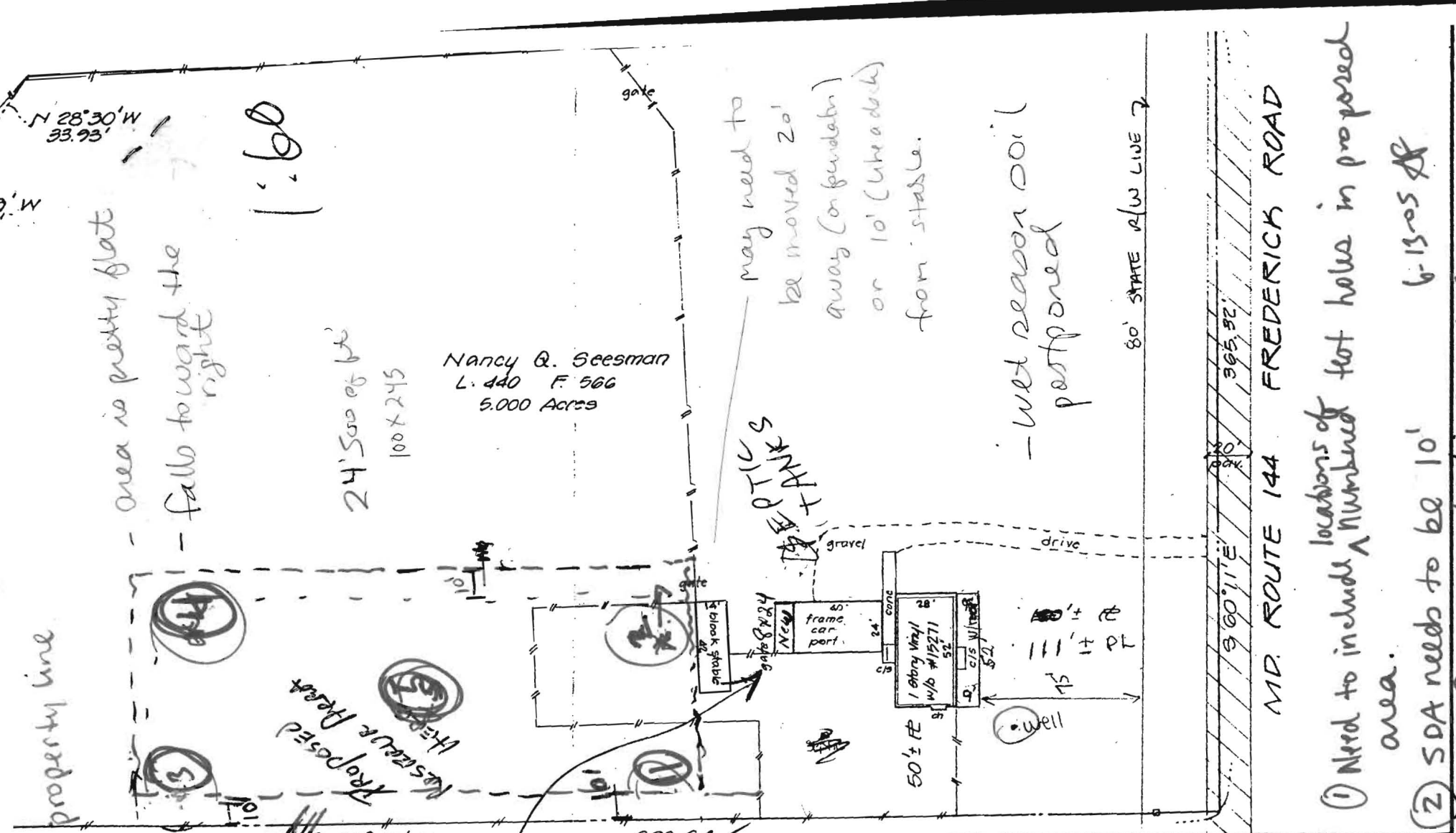
1) This plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing;
 2) This plat is not to be relied upon for the determination or location of fences, garages, buildings, or other existing or future improvements; and
 3) This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing of financing or refinancing.

HOUSE LOCATION SURVEY
 Address 15271 Frederick Road
 Lot —, Block —, Section —, Area —
 Plat No. —, Plat Book —, Plat —
SEESMAN PROPERTY
 Liber 440 Folio 566
 Howard County, Maryland
 4th Election District

W. COOK & ASSOCIATES
 13829 Weyside Drive
 Clarksville, MD 21030

Case No. 20-62-20 SURVEY 200617

This site not in flood plain area per F.E.M.A. Flood Insurance Rate Maps.



This site not in flood plain area per F.E.M.A. Flood Insurance Rate Maps.

property line

- area is pretty flat
- falls toward the right

1.60

24' Ssd of b/c
100' x 245

Nancy Q. Seesman
L. 440 F. 566
5.000 Acres

SEPTIC TANKS
may need to be moved 20'
away (on foundation)
or 10' (line heads)
from stable.

- wet season coil postponed

80' STATE R/W LINE

MD. ROUTE 144 FREDERICK ROAD

- ① Need to include locations of numbered test holes in proposed area.
- ② SDA needs to be 10' from property line 6-22-05

Proposed Vestibule Break

PROPOSED
CORK STOP
OK
SEPTIC OFF
MAY 20/06
MAY 21/06
MAY 22/06

I hereby certify that improvements have been located and depicted hereon, in relation to recorded property descriptions, at a nearest foot accuracy, and that there are no encroachments except as shown.

6/10/06
Date
WESS
Registered Professional Surveyor
Maryland

1) This plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing;
2) This plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements; and
3) This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing of financing or refinancing.

HOUSE LOCATION SURVEY
Address 15271 Frederick Road
Lot __, Block __, Section __, Area __
Plat No. __, Plat Book __, Plat __
SEESMAN PROPERTY
Liber 440 Folio 566
Harvard County, Maryland
4th Election District

W. COOK & ASSOCIATES
13929 Wayside Drive
Clarksville, MD 21029
Recorder
Case No. SC-162-96 SURVEY 200617