

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 522486

AGENCY REVIEW: _____

DATE 5/18/2005

TAKEN OF 360621

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: NA

- ☐ NEW STRUCTURE(S)
☐ ADDITION TO AN EXISTING STRUCTURE
☐ REPLACE AN EXISTING STRUCTURE

CHECK ONE: NA

- ☐ 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: ☒ Agricultural

- ☐ 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) Maura CahillDAYTIME PHONE 301-588-3946 CELL 301-335-3694 FAX 301-562-8593MAILING ADDRESS 11 Midhurst Rd. Silver Spring MD 20910
STREET CITY/TOWN STATE ZIPAPPLICANT as above

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS as above
STREET CITY/TOWN STATE ZIPAPPLICANT'S ROLE: owner
A DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANTPROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Riggs Meadow LOT NO. Parcel BPROPERTY ADDRESS Rt. 97 + Riggs Meadow Dr. Cooksville, MD
STREET TOWN/POST OFFICE Note: Parcel B is 37acTAX MAP PAGE(S) 8 Block 22 GRID NA PARCEL(S) NA PROPOSED LOT SIZE NA

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPT-
 ABLE 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.

Maura Cahill

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

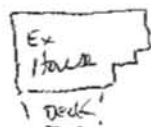
Well across street downslope of
perced area. Must be surveyed
if perc's pass - must verify slope
direction & distance to SDA

Stakes not marked. Field
located to match plan??

(C) Perc's

SEE HOLE
"E"

Bottom 14 1/2'



Grass
Cut
line

↑ N



(B) Strong red CL

TRACERY
MOSTLY MASSIVE, HARD
FEW lg blk frags

TEST @ 5 1/2' 9:40

9:47

10:52

5 min

NEED TO
TEST TX ZONE

MARGINAL

Ybrn SL (fine SAND)
2 pl, chert ~ 10%

Chert frags @ 8' ~ 25%

Refused 9'

(D)

Str brn
CL 4'

Wkrg
Loam

Overall rock
< 10%

14' BOTTOM

5' 10:03

10:07

10:15

8 min

(P)

(A)

STRONG ybrn, wk rdbn

Dense CL w/ pockets
of wk loam

Strong y Sil

DEEP clay wk rdbn

Massive

7' 9:49

TEST SLOW

pulled @ 10:16

(Fails)

(E)

10:28 4 min

10:30

10:34

Strong red brn

Sil CL

CC wk rdbn

Slam

Thick R

14 1/2' BOTTOM

(Passes)

(F) Trace
Rock

See hole
B ck

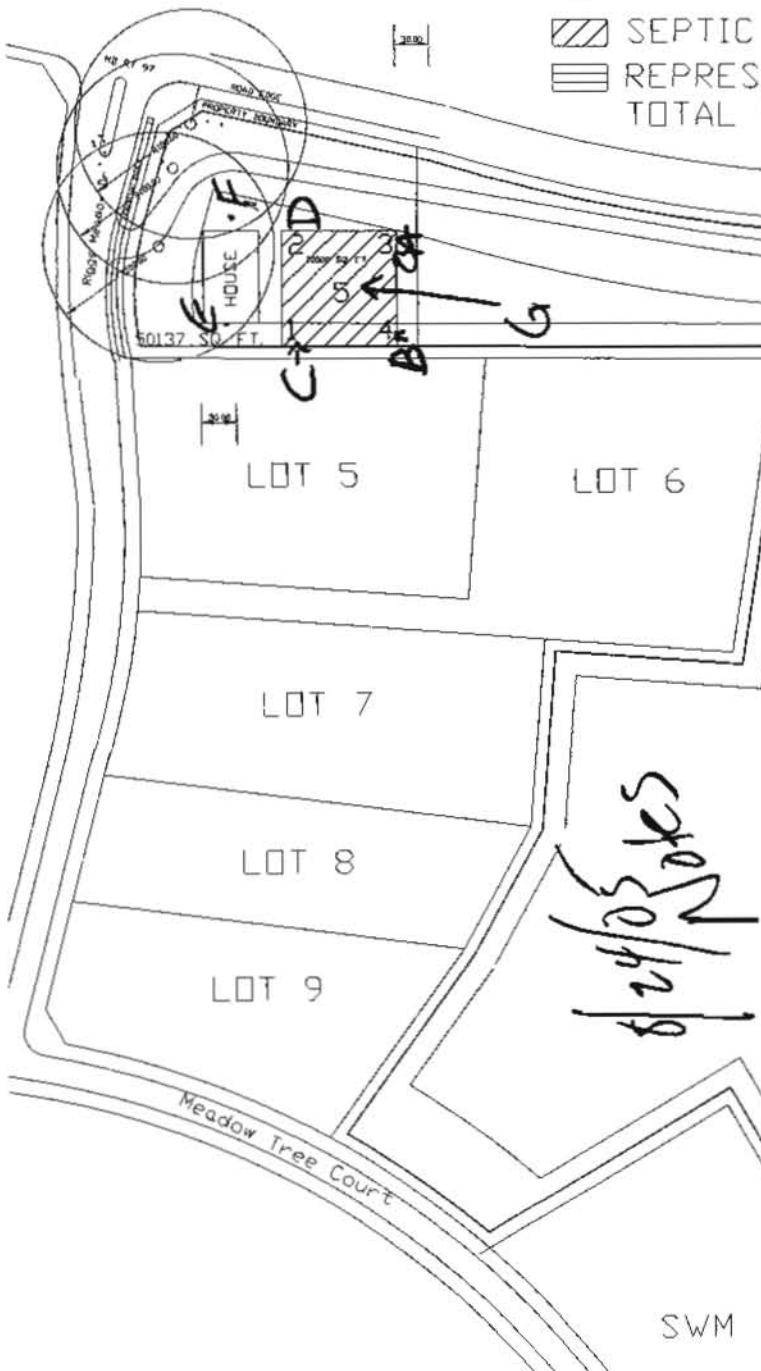
(G)

passes
see hole
B

○ WELL (100 FT. RADIUS)

▨ SEPTIC FIELD (10,000 SQ.FT.)

▨ REPRESENTS VINES 8 FT. D.C.
TOTAL VINE AREA 22+ AC.

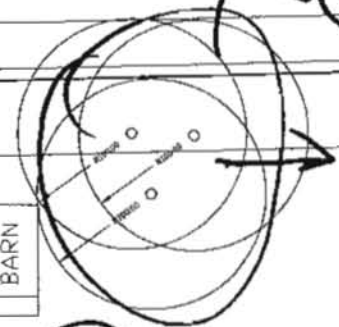


Per contractor's request, additional ref holes dug. were SITES 100' WELL STAY AWAY MUST

pass per test
pass/pass due to rock vein @ 10'

← Marginal

ADJUST well loc @ higher elevation of SDR and further away



(KN)

Riggs Meadow Parcel B

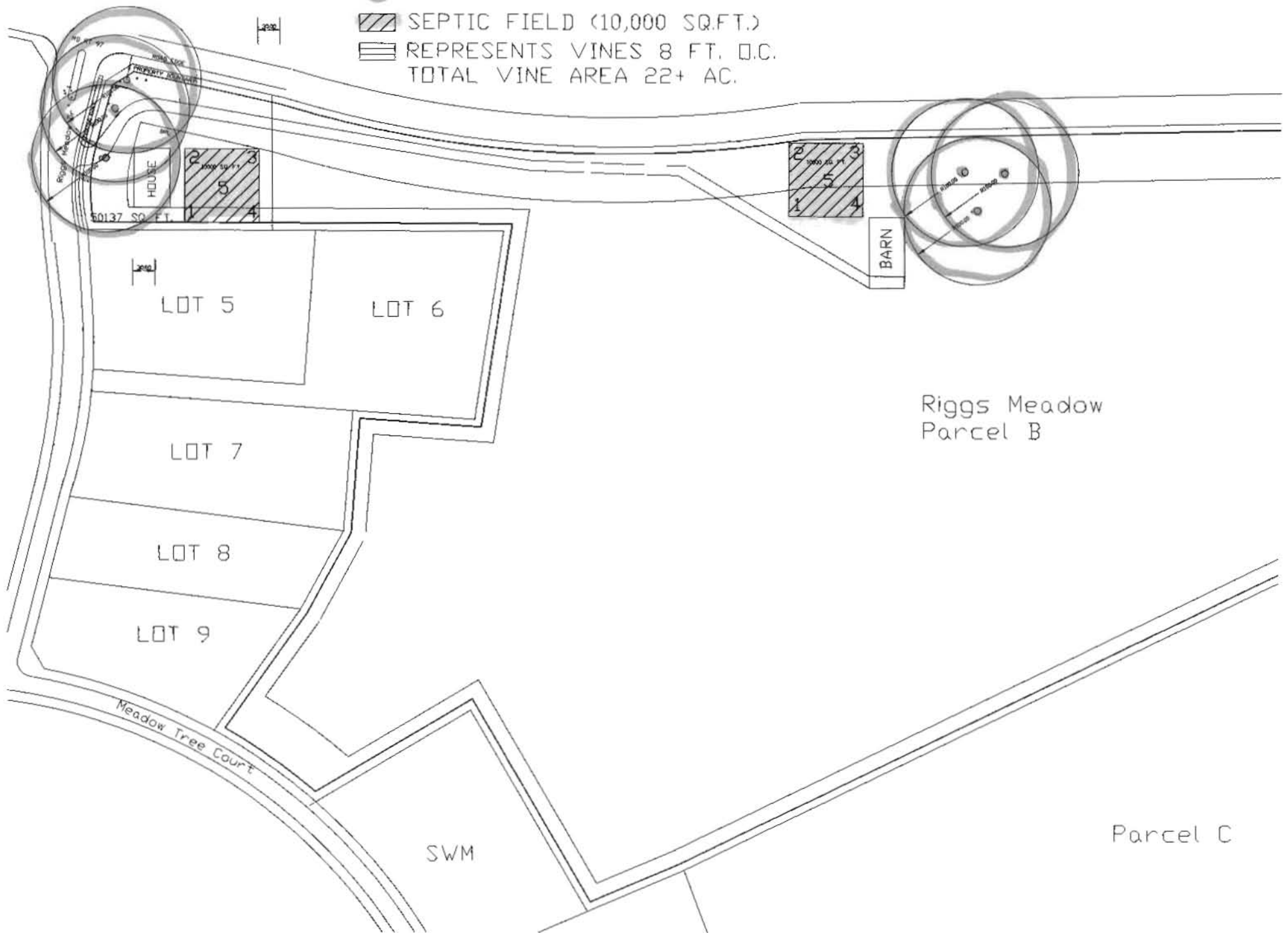
Parcel C

○ WELL (100 FT. RADIUS)

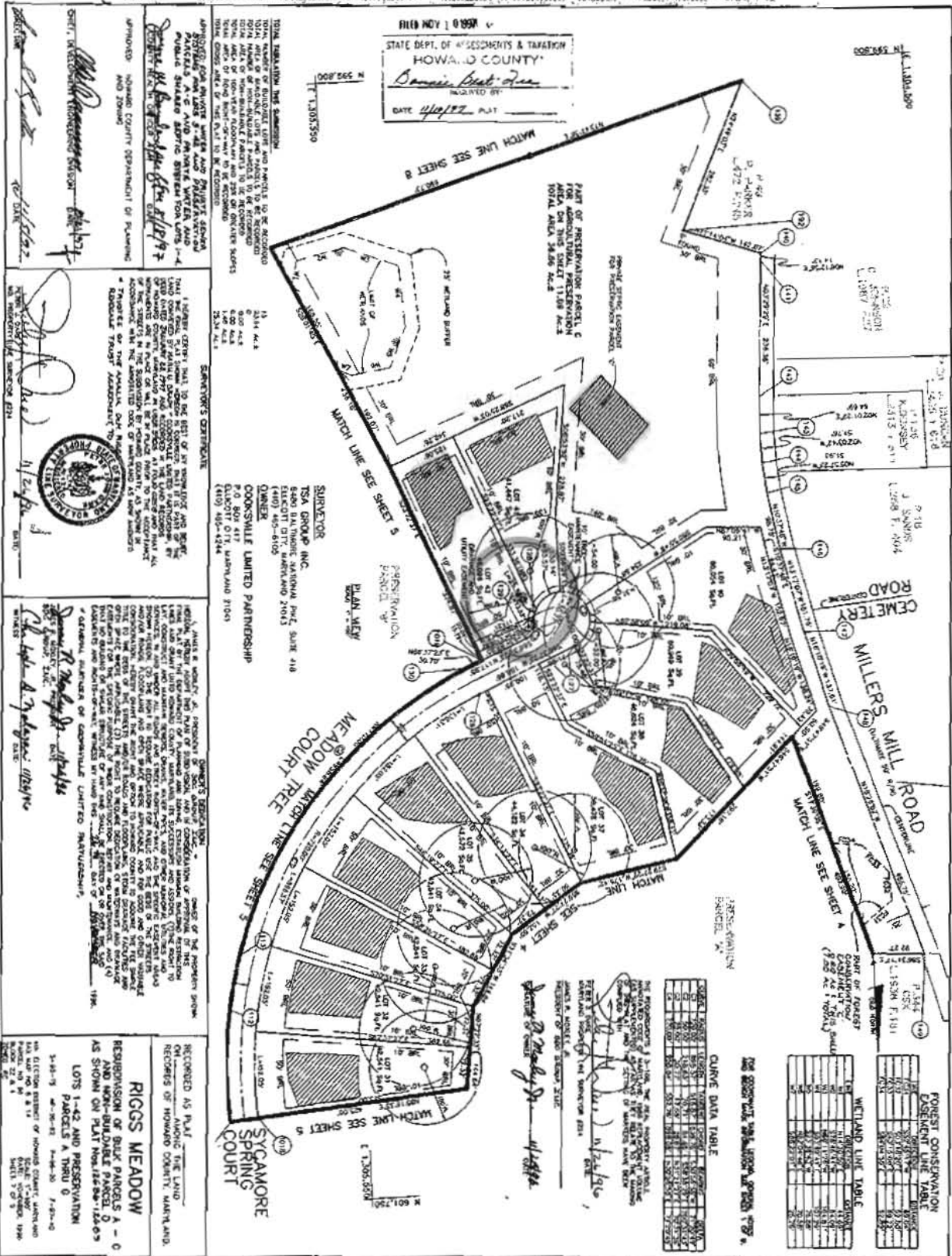
AREA LOST TO

▨ SEPTIC FIELD (10,000 SQ.FT.)

▨ REPRESENTS VINES 8 FT. D.C.
TOTAL VINE AREA 22+ AC.



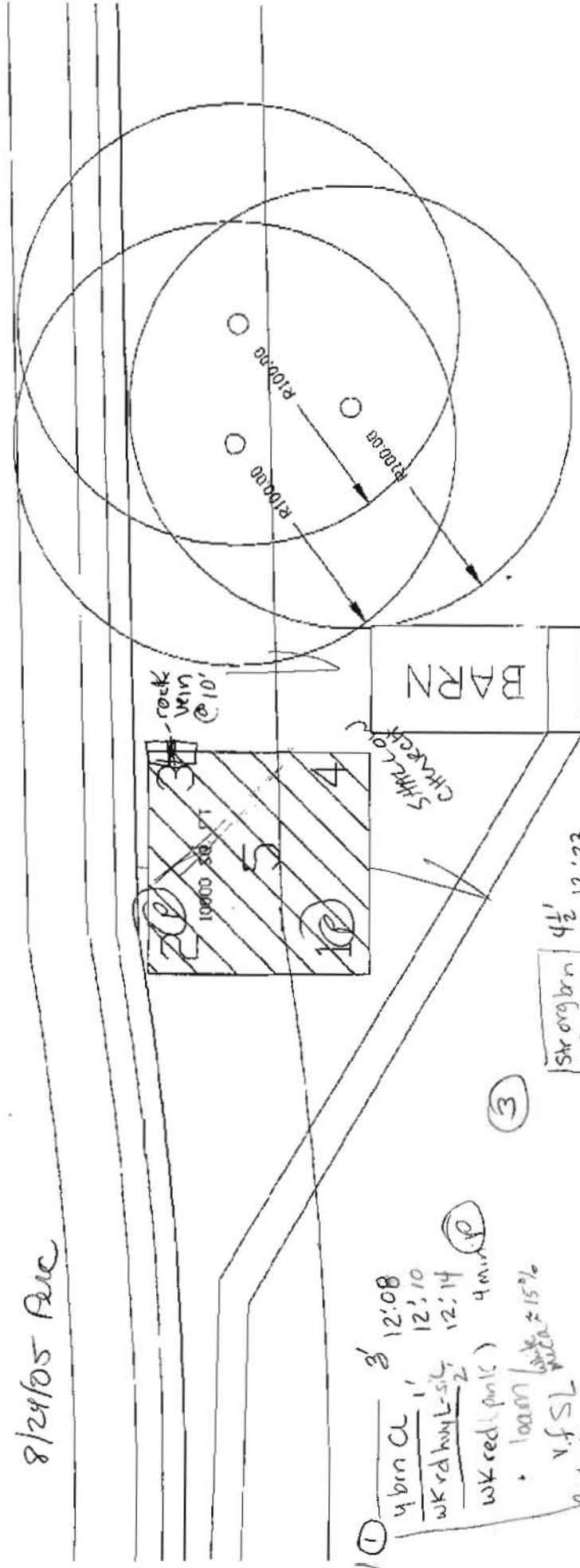
PLAT M.D.R. NO. 12963



MDN CSD 8135-973-1 F-97-41

Cahill
Cocksville, MD

8/24/05 Arc



- ② ①
- | | | |
|--------------------|-------|-------|
| 4' brn CL | 3' | 12:08 |
| WK rd hvy L-sil | 1' | 12:10 |
| WK red (pink) | 2' | 12:14 |
| • loam | 4 min | ④ |
| v.f SL | 15% | |
| brn c. dark | | |
| L Sand (finagined) | | |
| Bottom | 14' | |

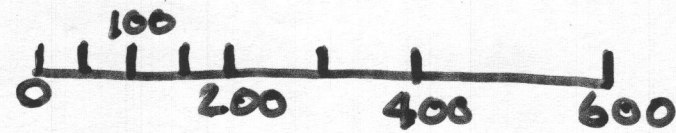
- ④
- | | | |
|-----------------|----|-------|
| org brn | 4' | 12:16 |
| hvy L-sil | 3' | 12:20 |
| brn | 5' | |
| L Sand | | |
| weakly cemented | | |
| Bottom | | |

- ③
- | | | |
|-------------|--------|-------|
| Str org brn | 4 1/2' | 12:23 |
| L Sand | | 12:25 |
| Med Gr. | | 12:29 |
| Rock Vein | | 4 min |
| Bottom | 14' | |

- ⑤ SAME AS 3
but 14' bot
Rock ~ 10%

Riggs Meadow
Parcel B

← North



Blue denotes Soil Boundaries



10,000 SF SEPTIC FIELD



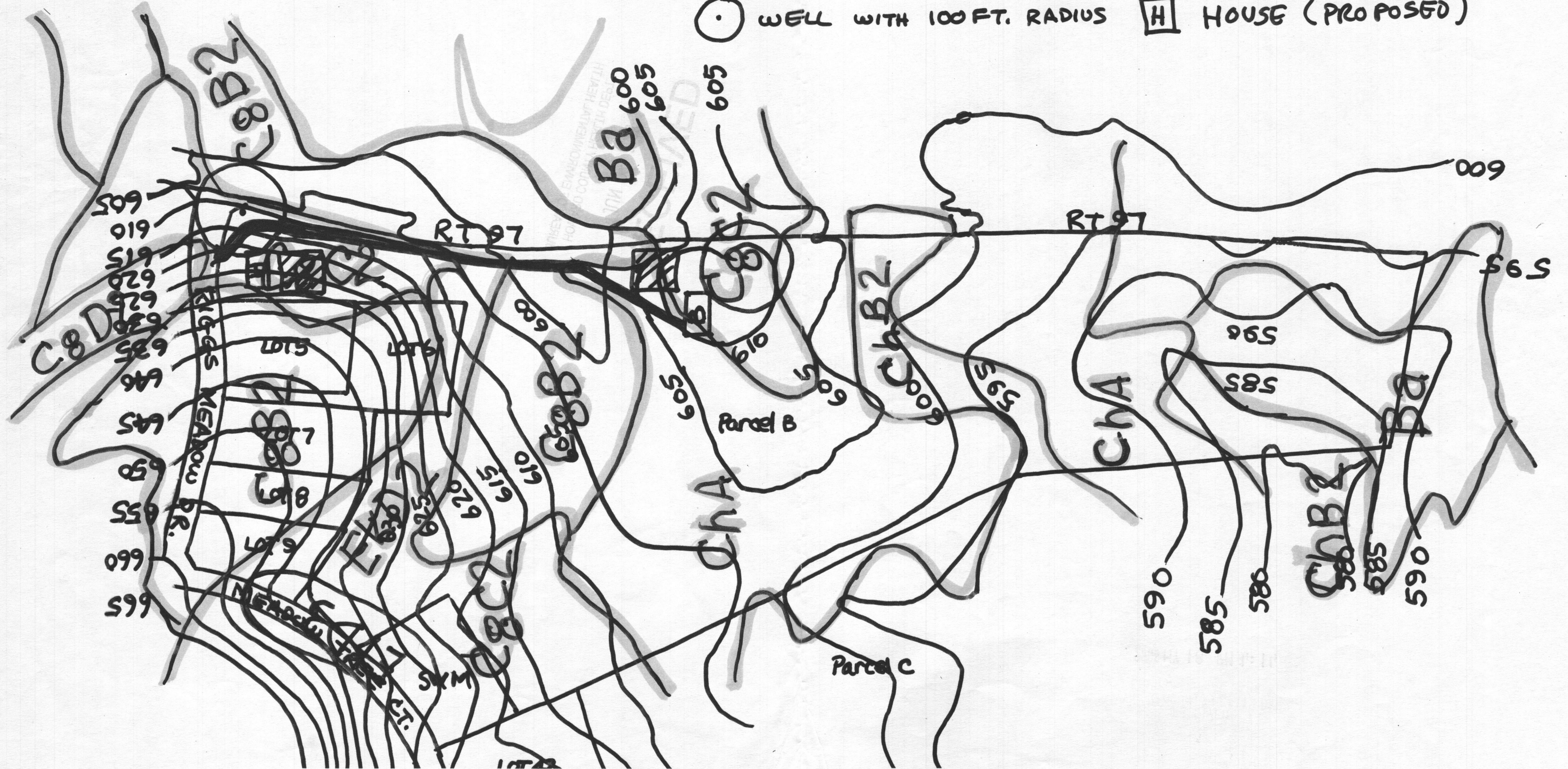
BARN (EXISTING)

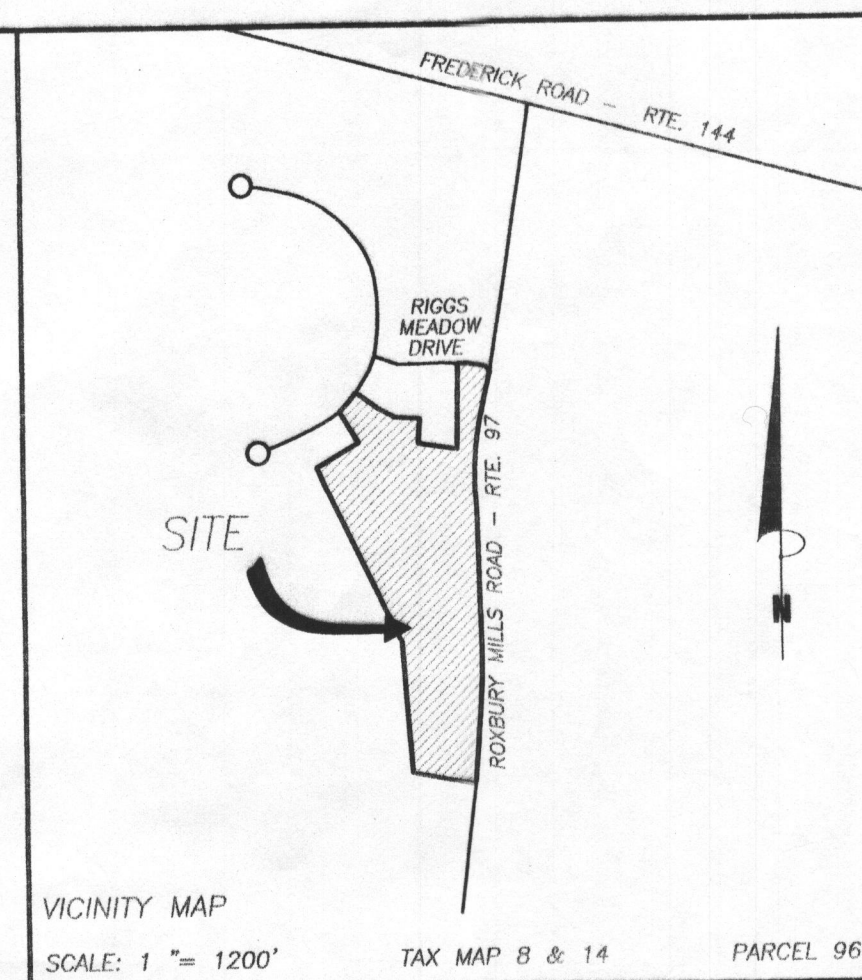


WELL WITH 100 FT. RADIUS



HOUSE (PROPOSED)





GENERAL NOTES:

- OWNERS: THE CAHILL-LUGARD LIVING TRUST
DEED REFERENCE: LIBER 3399 FOLIO 296
GRANTOR: RICHARD F. SOLOMON
- TAX MAP: 8 & 14 GRID: 22 PARCEL: 96
- TOPOGRAPHY: FIELD RUN BY VANMAR ASSOCIATES
CONTOUR INTERVALS ARE AT 2 FEET.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS
WITHIN 100' OF THE PROPERTY BOUNDARY
UNLESS OTHERWISE SHOWN HEREON.
- THE EXISTING WELL SHOWN ON THIS PLAN (EAST OF SITE)
HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
- ZONING DISTRICT: RODED
- ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL 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.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM
OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE
MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- THE SEPTIC EASEMENT SHALL BE PROTECTED BY AN EFFECTIVE BARRIER
TO PREVENT DRIVEWAY GRADING OR ENCROACHMENT TO THE SEPTIC DISPOSAL
AREA DURING BUILDING CONSTRUCTION.
- 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:

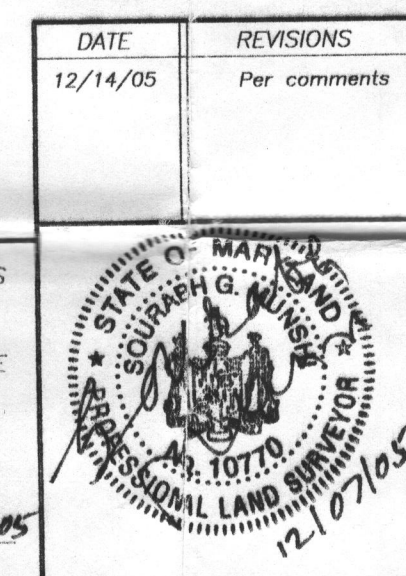
PROPOSED HOUSE SITE:

PROPOSED WELL SITE:

OWNERS:
THE CAHILL-LUGARD LIVING TRUST
C/O JANE LUGARD
11 MIDHURST ROAD
SILVER SPRING, MARYLAND 20910

I HEREBY CERTIFY THERE ARE NO WELLS OR SEPTIC SYSTEMS
WITHIN 100 FEET OF THE PROPERTY BOUNDARY UNLESS
OTHERWISE SHOWN HEREON.
I FURTHER CERTIFY THAT THE PERCOLATION TEST HOLES HAVE
BEEN FIELD LOCATED IF EXISTING AND ACCURATELY STAKED
IF PROPOSED AND SHOWN HEREON.

SOURABH G. MUNSHI, PROF. L. S., MD. REG. # 10770
DATE 12/10/05



PERCOLATION CERTIFICATION PLAN RIGGS MEADOW

PRESERVATION PARCEL B
PLAT # 12961 & 12962

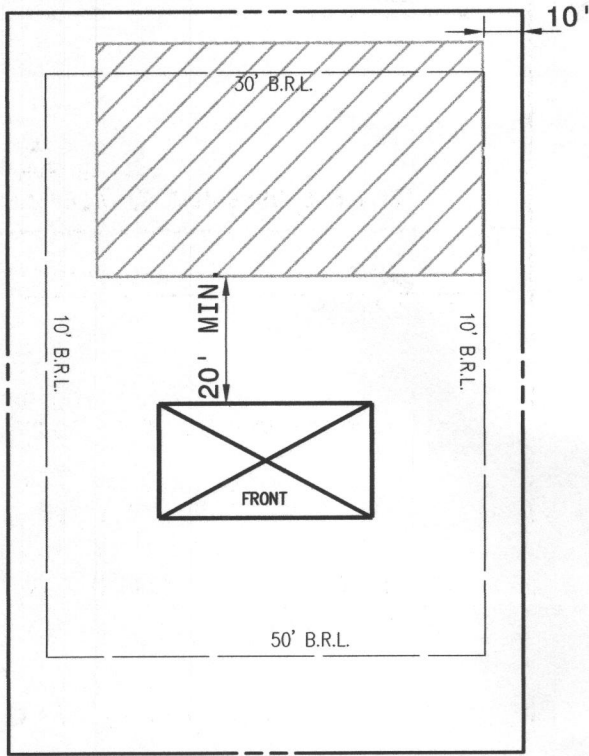
SITUATED ON MEADOW TREE COURT
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' NOVEMBER, 2005

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Mills Street P.O. Box 328 Mount Airy, Maryland 21771
(301) 829 2890 (301) 831 5015 (410) 548 2751

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

Robert J. Weller
HOWARD COUNTY HEALTH OFFICER
DATE 12/10/05

PERC. No.	ELEVATION
1	549.03
2	552.43
3	553.75
4	556.77
5	556.74
6	556.74
7	554.31
8	556.09
9	558.59
10	555.10
11	559.75
12	554.90
13	559.08
14	561.33
15	559.75
16	562.45
17	563.33
18	564.05
18A	565.14
19	563.22
20	563.14
21	560.47
22	559.94
23	560.47
24	558.45
25	556.00
26	556.77
27	558.93
28	559.35
29	555.34
30	549.05
31	549.49
32	560.40
33	564.40
34	567.50
35	561.80
36	555.96
37	553.05
38	550.42
39	555.32



BULK REGULATIONS:

- A.) MINIMUM WIDTH AT FRONT B.R.L. = 100 FT.
 B.) SETBACK: FRONT = 50 FT.
 SIDE = 10 FT.
 REAR = 30 FT.

* PUBLIC WATER PROVIDED

SOILS TABLE

SYMBOL	MAPPING UNIT	TYPE
G1B2	GLENELO LOAM, 3 TO 8% SLOPES	B
EK2	ELIOAK SILT LOAM, 3 TO 8% SLOPES	C
M1C3	MANOR LOAM, 8 TO 15% SLOPE	D
CH2	CHESTER SILT LOAM, 3 TO 8% SLOPES	B
M1B2	MANOR LOAM, 3 TO 8% SLOPES	B
GnA	GLENEVILLE SILT LOAM, 0 TO 3% SLOPES	C

LEGEND:

- EXISTING CONTOURS
 PROPERTY LINE
 EXISTING TREELINE
 HYDRIC SOIL



- GENERIC HOUSE LAYOUT
 PROP. SEPTIC FIELD
 PERC HOLE APPROVED
 PERC HOLE FAILED

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.

DAVID C. WOESSNER, P.E., MD. REG.#14440
 MAY 4, 2005
 DATE

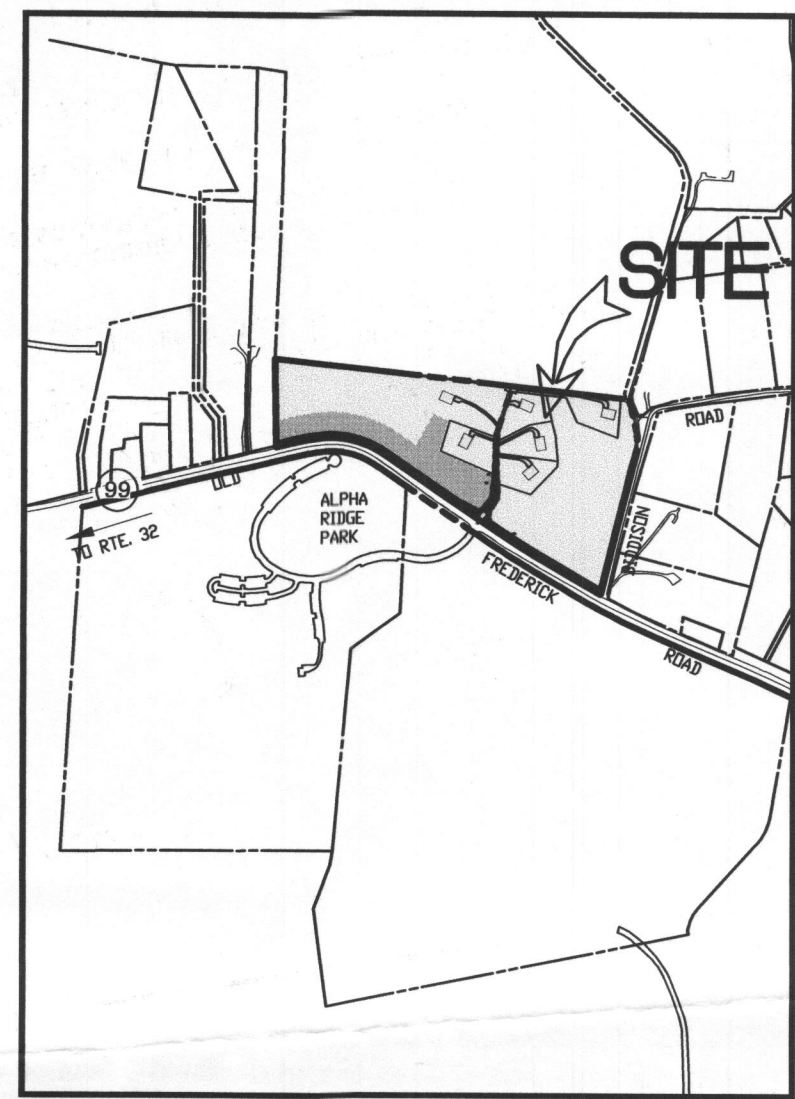
I HEREBY CERTIFY THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
 I FURTHER CERTIFY THAT THE PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED AS SHOWN HEREON.

DAVID C. WOESSNER, P.E., MD. REG.#14440
 MAY 4, 2005
 DATE

APPROVED: FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS, LOTS 1 THRU 5, AND BUILDABLE PARCEL "A"
 HOWARD COUNTY HEALTH DEPARTMENT.

HOWARD COUNTY HEALTH OFFICER
 DATE

NOTE : PUBLIC WATER MAINS HAVE BEEN EXTENDED TO ADJOINING LOTS TO EAST AND WEST OF THIS PROPERTY. NO OFF SITE SEPTIC FIELDS ARE WITHIN 100 FT. OF THE PROPOSED LOTS.



VICINITY MAP
 SCALE: 1" = 1000'

GENERAL NOTES

- ALL SHOWN HOUSE SITES COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER 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 VARIANCES FOR ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
- PUBLIC WATER IS PROPOSED. SEE WATER MAIN CONTRACT NO. 44-3480.
- A GROUND WATER APPROPRIATION PERMIT MUST BE ISSUED PRIOR TO SUBMITTAL OF RECORD PLAT FOR SIGNATURE.
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD RUN TOPOGRAPHY BY JOHN C. MELLEMA, SR., INC., JULY 2005.
- PERCOLATION TESTS WERE PERFORMED ON JULY 2005.
- THE BOUNDARY LINES SHOWN HEREON ARE BASED ON A BOUNDARY SURVEY BY JOHN C. MELLEMA, SR., INC., JULY 2005.
- THE SPECIFICATIONS FOR THE DRAIN FIELDS WILL BE DESIGNED IN ACCORDANCE WITH HEALTH DEPARTMENT CRITERIA ADOPTED ON SEPTEMBER 1, 2002.

PLAN
 SCALE: 1" = 100'

PERCOLATION CERTIFICATION PLAT

PARK RIDGE ESTATES

LOTS 1 THRU 5 AND PRESERVATION PARCEL "A"

PARCEL 24, TAX MAP 24, GRID 12

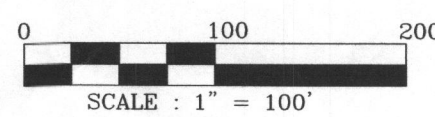
ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

PREPARED BY:

American Land Development
 and Engineering, Inc.

10749 BIRMINGHAM WAY
 TEL. (410) 465-7903

WOODSTOCK, MD. 21163
 FAX. (410) 465-3845



DATE : JULY 25, 2005

SHEET 1 OF 1

11 Midhurst Rd.
Silver Spring, MD 20910
June 1, 2005

Howard County Health Dept.
Bureau of Environmental Health
7178 Columbia Gateway Dr.
Columbia, MD 21046

Dear Ms. Noonan:

The information enclosed is for my application for a percolation test for Parcel B at Route 97 and Riggs Meadow Dr. in Cooksville, Maryland, Tax Map page 8 and 14, Block 22 and 4, Parcel No. 95. I was informed via a phone message that the percolation site needed to be numbered and that the surrounding properties well and septic fields need to be noted. This is the information being sent currently.

I had already submitted the site with the topography and soil types noted with the area to be tested.

Please let me know if there are any other questions or information that is needed to schedule the percolation test.

Sincerely,

Maura Cahill

Maura Cahill
301-335-3694 cell

6-22-05

Kacie ok'd digging holes since boundary surveyed, However need to check a well loc. in relation to seale.

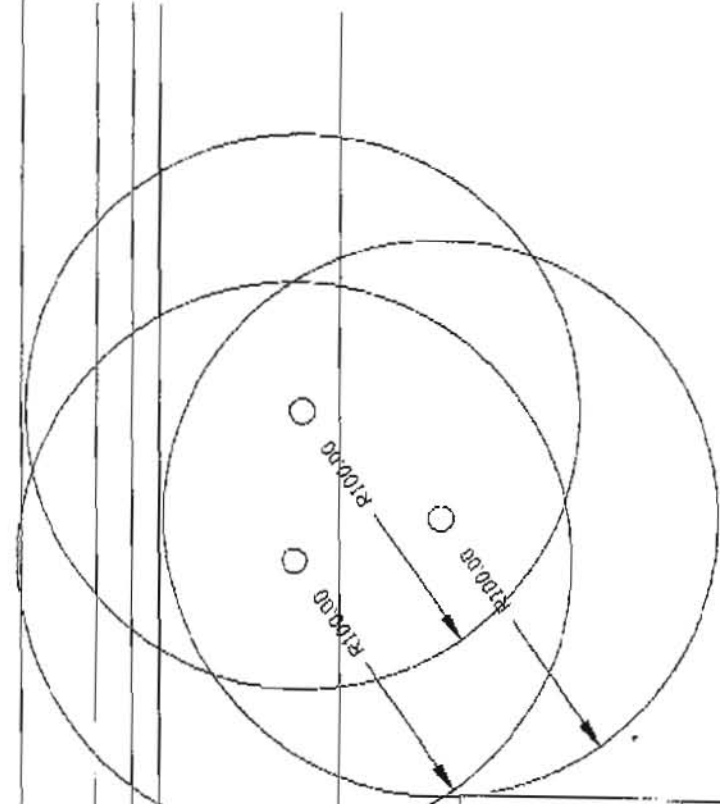


Burgess
Property

GIS MAY help

Cahill
Cooksville, MD

8/24/05 Rec



②/①
 4' brn CL 3' 12:08
 wk red hvy L-sil 1' 12:10
 wk red (pink) 2' 12:14
 + loam (white) 4 min. ②
 v.f SL
 Rx < 5%
 14' brn c. weak.
 L Sand (fine grained)
 Bottom 14'

③

4 1/2' 12:23
 12:25+
 12:29
 4 min
 Str org brn
 L SAND
 MED GR.
 10' 10' 10' 10'
 Rock Vein
 10' 10' 10' 10'

④
 3' org brn
 hvy L-sil 4' 12:16
 12:20
 14' brn 5'
 L SAND
 weakly cemented
 Bottom 13'

⑤ SAME
 AS 3
 but 14'
 bot
 Rock ≈ 10%

Riggs Meadow
Parcel B

August 3, 2005
11 Midhurst Rd.
Silver Spring, Md 20910

Robert Fyock
Jack Fyock Septic Service
P.O. Box 89
Glenelg, MD 21737

re: PERC test at Rt. 97 and Riggs Meadow
Dr., Cooksville, MD

Dear Mr. Fyock,

As per our phone conversation on August 2, 2005, I am faxing a drawing of the two PERC test sites on our property. One site is for a proposed house. The other site is for our barn. Both sites are staked with green metal stakes that have white spray painted tops. Our PERC application has been approved by Howard County Bureau of Environmental Health.

If you need further information, please let me know. When the PERC test date has been set, please let me know so we will have the sites mowed and ready for you.

Thank you for your assistance.

Sincerely,

Maura Cahill

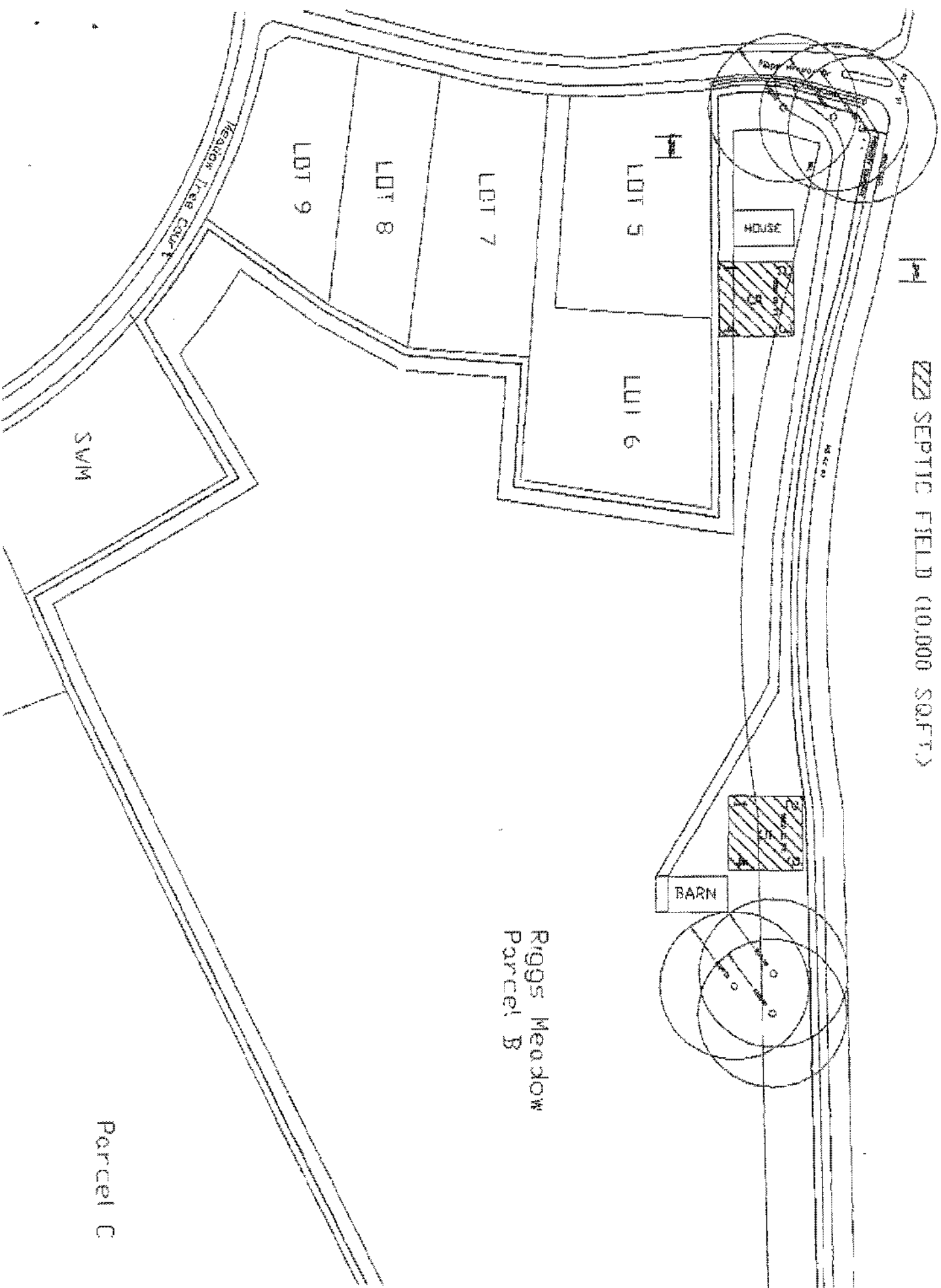
Maura Cahill
301-588-3946 home
301-335-3694 cell

Cahill
Coatsville, MD

○ WELL (100 FT. RADIUS)

□ SEPTIC FIELD (10,000 SQ.FT.)

AREA LOST TO



Riggs Meadow
Parcel B

Parcel C



HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
3430 Court House Drive ■ Ellicott City, Maryland 21043 ■ 410-313-2350

Marsha S. McLaughlin, Director

www.co.ho.md.us
FAX 410-313-3467
TDD 410-313-2323

March 16, 2006

The Cahill-Luigard Living Trust
Attn. Ms. Maura Cahill
11 Midhurst Road
Silver Spring, MD 21723

**RE: Address Change
Riggs Meadow
F 97-41**

Dear Ms. Cahill:

The purpose of this letter is to notify you regarding the correct street address for your property in accordance with the Howard County Street Address Grid System.

With concurrence of Richard Jordan, the County's address coordinator in 9-1-1, your address is being changed to match your current driveway access. We regret any inconvenience this may cause.

OLD/INCORRECT ADDRESS:	(no number) Meadow Tree Court
NEW/CORRECTED ADDRESS:	14607 Riggs Meadow Drive Map 8, Grid 22, Parcel 96, Parcel B Licenses & Permits Property ID # n/a Tax Account # 04-360621

This address change will take effect **UPON RECEIPT OF THIS LETTER**. The Department of Planning and Zoning will notify the agencies as copied below.

It is essential that you use the "corrected address" so that emergency response of fire, police and medical services to your location will not be inhibited. The County bases responses according to street addresses.

(over)

In accordance with Section 16.400 of the Howard County Code, "Street Names and House Numbers," all buildings (commercial and residential) must have the correct street address displayed in a conspicuous place over or near the principal entrance. The numbers must be easily legible figures not less than three inches (3") high for residential, six inches (6") high for commercial, and in a color contrasting with their background. The Department of Fire & Rescue Services recommends reflective numbers.

If you have any questions, please contact Richard Jordan at (410) 313-3425, or e-mail him at rjordan@co.ho.md.us.

Sincerely,



L. Kent Sheubrooks
Division of Land Development

LKS: RIJ: j
File: 14607 Riggs Meadow Dr

CERTIFIED MAIL / RECEIPT REQUESTED

cc: Department of Finance, Water Billing
Department of Fire & Rescue Services
Tax Assessments
Department of Inspections, Licenses and Permits
Inspections Enforcement – Bonnie Harkins
Health Department
Election Board
DPZ - Graphics - Mike White
DPZ - Research
DPZ - Derrick Jones
DPZ - Development Engineering Div., Land Dev.
GIS - John Bussiere

Postmaster, Cooksville MD 21723-9998
Verizon
Baltimore Gas & Electric

2006 MAR 21 PM 3:51