

C1 9437 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. 10/27/00 OK (88) COUNTY NUMBER A510229 (13)

DATE WELL COMPLETED 8/25/00 Depth of Well 300 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2835

OWNER CATTAIL MEADOWS last name STREET OR RFD ROXBURY MILLS first name TOWN Glenwood Ex. Yencanthe SUBDIVISION REILLY PROP SECTION LOT 1400 House

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown Slate, Brown Mica, Sand Stone, Gray Mica, etc.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL (C) M BENTONITE CLAY (B) C NO. OF BAGS 18 NO. OF POUNDS 1800

CASING RECORD MAIN CASING TYPE (S) T Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 60

OTHER CASING (if used) diameter inch depth (feet) from to

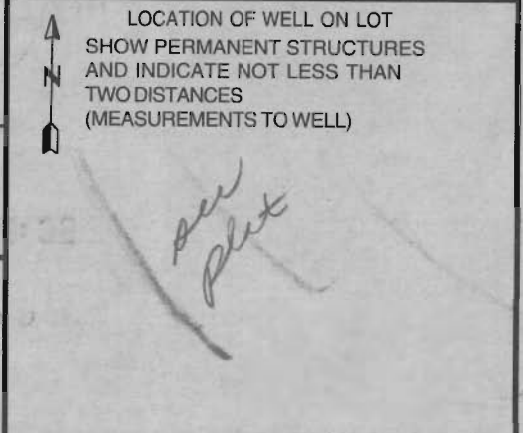
SCREEN RECORD screen type or open hole (S) T (B) R (H) O (P) L (O) T

DEPTH (nearest ft.) 140 58 300

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 30 METHOD USED TO MEASURE PUMPING RATE Bucket

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29



NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) NO (N) DRILLERS LIC. NO. M WD040 DRILLER SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. JW D 038

B 1 08918

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

40-94-2835

fill in this form completely

Date Received (APA)

8 MM DD YY 13

OWNER INFORMATION RN 8328

Cattail Meadows Lic

15 Last Name Owner First Name 34

P. O. Box 2249

36 Street or RFD 55

Columbia, Md 21045

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

George F. Easterday M WD 040

Driller's Name 76 License No. 81

L. Franklin Easterday, Inc.

Firm Name

9265 Brown Church Rd., MT. Airy, Md. 21771

Address

Signature Date 6/28/2000

B 3

Howard

LOCATION OF WELL CC#

8 COUNTY 21

Reilly Property - Manor House

23 SUBDIVISION

SECTION 44 46

LOT p-13 48 50

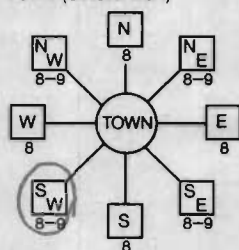
Glenwood

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 2 M I 73 76 77 78

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



4078 Roxbury Mills Rd

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 900 37 DISTANCE FROM ROAD Ft 38 39

TAX MAP: 21 BLK: 14 PARCEL 13

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled)
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST, OBSERVATION, MONITORING
GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard AS10229 13

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 8/24/2000 Brian Baber 8/24/2000

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 521 000 EAST GRID 786 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS - For IRRIGATION
THIS WELL WILL DEEPEMED AN EXISTING WELL

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER 54 GAP 63
PERMIT No. 40-94-2835

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. wells
2.
3.

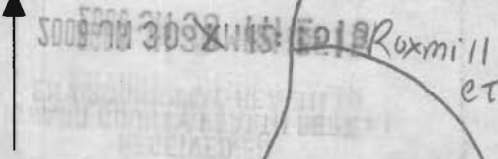
WRITE THE BOX NUMBER FROM THE MAP HERE

E 786

N 521

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

N



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 1 08918  
1 2 3 6

SEQUENCE NO.  
(MDE USE ONLY)

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER

40-94-2835  
70 fill in this form completely 79

W513664

Date Received (APA)

8 MM DD YY 13

OWNER INFORMATION RN 8328

Cattail Meadows Lic

15 Last Name Owner First Name 34

P. O. Box 2249

36 Street or RFD 55

Columbia, Md 21045

57 Town 70 State 72 Zip 76

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Driller's Name 76 License No. 81

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Address

George F. Easterday 6/28/2000

Signature Date

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APPROX. PUMPING RATE (GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

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Howard LOCATION OF WELL CC#

8 COUNTY 21

Reilly Property - Manor House

23 SUBDIVISION 42

SECTION 44 46 LOT p-13 48 50

Glenwood

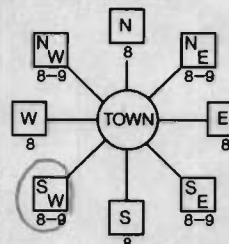
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MILES FROM TOWN (enter 0 if in town) 2 M 1

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DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



4078 Roxbury Mills Rd

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

900

34 DISTANCE FROM ROAD 37 Ft.

ENTER FT OR MI 38 39

TAX MAP: 21 BLK: 14 PARCEL 13

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- I INDUSTRIAL, COMMERCIAL, DEWATERING
- P PUBLIC WATER SUPPLY WELL
- T TEST, OBSERVATION, MONITORING
- G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard AS10229 13

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 41

8/24/2000 Brian Baker 8/24/2000

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 521 0 0 0 EAST GRID 786 0 0 0

50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET

24 28

APPROXIMATE DIAMETER OF WELL 6 INCH

NEAREST TOWN

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVerse-ROTARY DRive-POINT

other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

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- D THIS WELL WILL DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER 54 G A P 63

PERMIT No. 40-94-2835

70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. wells
- 2.
- 3.

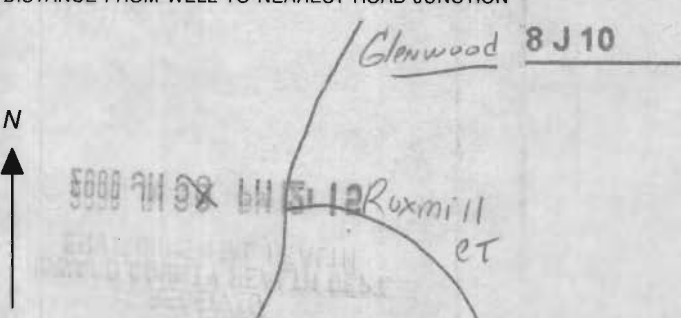
WRITE THE BOX NUMBER FROM THE MAP HERE

E 786

N 521

8/25/00 No Inspection BB

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



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HOWARD COUNTY HEALTH DEPARTMENT

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*Diane L. Matuszak, M.D., M.P.H., County Health Officer*

October 27, 2000

Cattail Meadows  
P.O. Box 2249  
Columbia, MD 21045

RE: **Replacement Well Sampling**  
Well Permit #: HO-94-2835

Dear Sir or Madam:

This office is requesting that you contact the Community Environmental Health Program at (410) 313-1773 to schedule an initial water sampling for the referenced replacement well, as required by the Maryland Well Construction Regulations (COMAR 26.04.04).

It is preferred that the sample be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment.

**Failure to confirm the potability of this well water supply by completion of water sampling requirements could result in the issuance of an order to abandon and seal the well in accordance with COMAR 26.04.04.**

There is no charge for the sampling, and if you have any questions, or would like to discuss this matter further, please call me directly at (410) 313-2643. Thank you for your attention to this important matter.

Sincerely,

*Brian Baker*

Brian Baker, Sanitarian  
Water and Sewerage Program

cc: Community Environmental Health Program  
File

CATTAIL MEADOWS, LLC  
7015 ALBERT EINSTEIN DRIVE  
PO BOX 9400  
COLUMBIA, MD 21046  
443-259-4047 - TELEPHONE  
443-259-4451 - FACSIMILE

June 21, 2000

**VIA FEDERAL EXPRESS**

Sarah Easterday  
Easterday Well Drilling, Inc.  
9265 Brown Church Road.  
Mt. Airy, MD 21771

Re: *Well Permit*

Dear Sarah

Enclosed please find the Percolation Plan Part of the Reilly Property and a check in the amount of \$80.00 payable to Howard County. Please obtain the permit and send us the proper forms to specify the type of well.

If you have any questions or comments regarding this matter, please feel free to call me at 443-259-4047.

Sincerely,



Josette Kounear  
Paralegal

8/22/00 @ 11:00 Meet Caretaker

7/7/00 well site not staked  
left message for Ms. Kounear



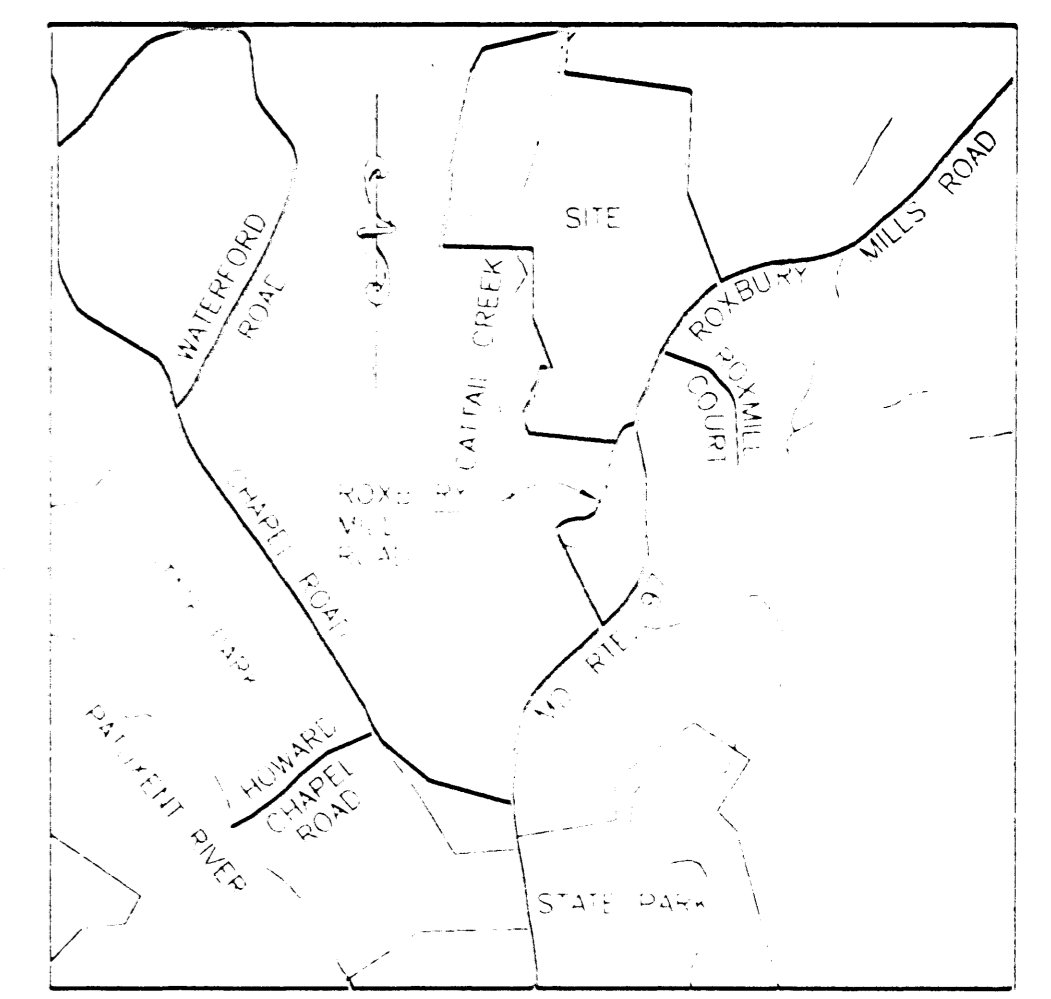
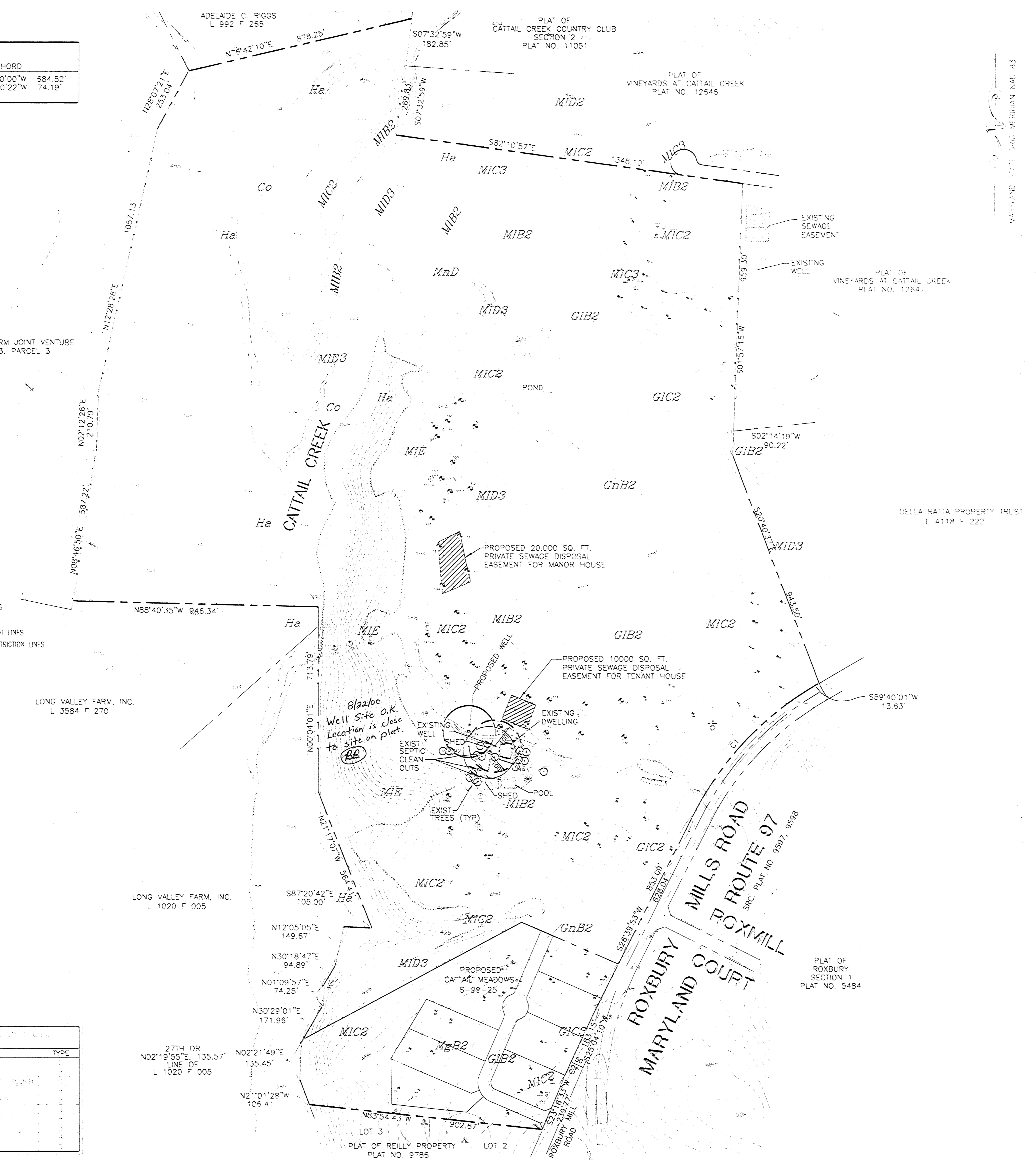
CURVE DATA					
CURVE	ARC	RADIUS	TANGENT	DELTA	CHORD
C1	594.08'	1205.00'	356.96'	33°00'08"	S43°10'00"W 684.52'
C2	74.20'	2370.00'	37.10'	01°47'37"	S24°10'22"W 74.19'

THIS AREA DESIGNATES A MINIMUM 10,000 SQ. FT. PRIVATE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE VOID AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT NOT BE NECESSARY.

**LEGEND**

- PASSED PERC TEST
- FAILED PERC TEST
- EXISTING CONTOUR
- EXISTING TREELINE
- SOILS BOUNDARY
- PROPOSED WELL AND 100 FT. CLEAR AREA
- EXISTING WELL AND 100 FT. CLEAR AREA
- STEEP SLOPES
- PROPOSED LOT LINES
- BUILDING RESTRICTION LINES

SYMBOL	NAME / DESCRIPTION	TYPE
Co	CODORUS CLAY	Co
Ha	CLAYEY LOAM, 0 TO 3 PERCENT SLOPES	Ha
GIB2	CLAYEY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY FROD	GIB2
MIB2	MANOR LOAM, 0 TO 3 PERCENT SLOPES	MIB2
MIC2	MANOR LOAM, 3 TO 15 PERCENT SLOPES, MODERATELY FROD	MIC2
MIC3	MANOR LOAM, 3 TO 8 PERCENT SLOPES, SEVERELY FROD	MIC3
MID3	MANOR LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY FROD	MID3
MnD	MANOR VERY STONY LOAM, 3 TO 8 PERCENT SLOPES	MnD
Vi	MANOR LOAM, 20 TO 40 PERCENT SLOPES	Vi
Wa	MANOR CLAYEY LOAM	Wa



- GENERAL NOTES**
- EXISTING ZONING = RC-DEO
  - GROSS AREA OF TRACT = 153.8190 ACRE
  - THE PROPERTY SHOWN HEREON IS PART OF THE FIRST PARCEL, ALL OF THE SECOND PARCEL AND PART OF THE THIRD PARCEL OF LIBER 257 FOLIO 518.
  - COURSES AND DISTANCES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID MERIDIAN AS PROJECTED BY HOWARD COUNTY CONTROL STATIONS  
21DA N 582213.3720 E 1298954.8840  
21EA N 582715.1330 E 1300495.9840
  - THE PROJECT BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN BOUNDARY SURVEY BY VOGEL & ASSOCIATES DATED JULY, 1998.
  - THE TOPOGRAPHY SHOWN HEREON IS BASED ON THE HOWARD COUNTY PHOTOGRAMMETRIC MAPS.
  - WATER AND SEWER SYSTEMS FOR THIS PROJECT WILL BE PRIVATE.
  - THIS PROPERTY IS NOT WITHIN THE METROPOLITAN DISTRICT.
  - TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO BURIAL/CEMETERY LOCATIONS ON THIS SITE.
  - EXISTING BUILDINGS ARE TO REMAIN.
  - THE EXISTING WELL ON THE TENANT HOUSE SITE IS TO REMAIN AND IS TO BE USED FOR IRRIGATION PURPOSES ONLY.
  - IN ACCORDANCE WITH SECTION 104.C.2 OF THE ZONING REGULATIONS A FARM TENANT HOUSE OR CARETAKER DWELLING IS ALLOWED AS AN ACCESSORY HOUSE FOR PARCELS GREATER THAN 50 ACRES.
  - THE REPLACEMENT WELL FOR THE TENANT HOUSE MUST BE DRILLED AND ACCEPTED BY THE HEALTH DEPARTMENT BEFORE THE WELL FOR THE MANOR HOUSE IS DRILLED.

**PERCOLATION PLAN**  
PART OF THE  
**REILLY PROPERTY**  
ROXBURY MILLS ROAD

TAX MAP #21 PARCEL 13 BLOCK #8  
3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
ENGINEERS SURVEYORS PLANNERS

3991 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.451.5828 Fax 410.455.3955

DESIGN BY: S.H.V.  
DRAWN BY: M.C.M.  
CHECKED BY: S.H.V.  
DATE: 5/24/2000  
SCALE: 1"=200'  
W.O. NO.: 89133

1 SHEET OF 1

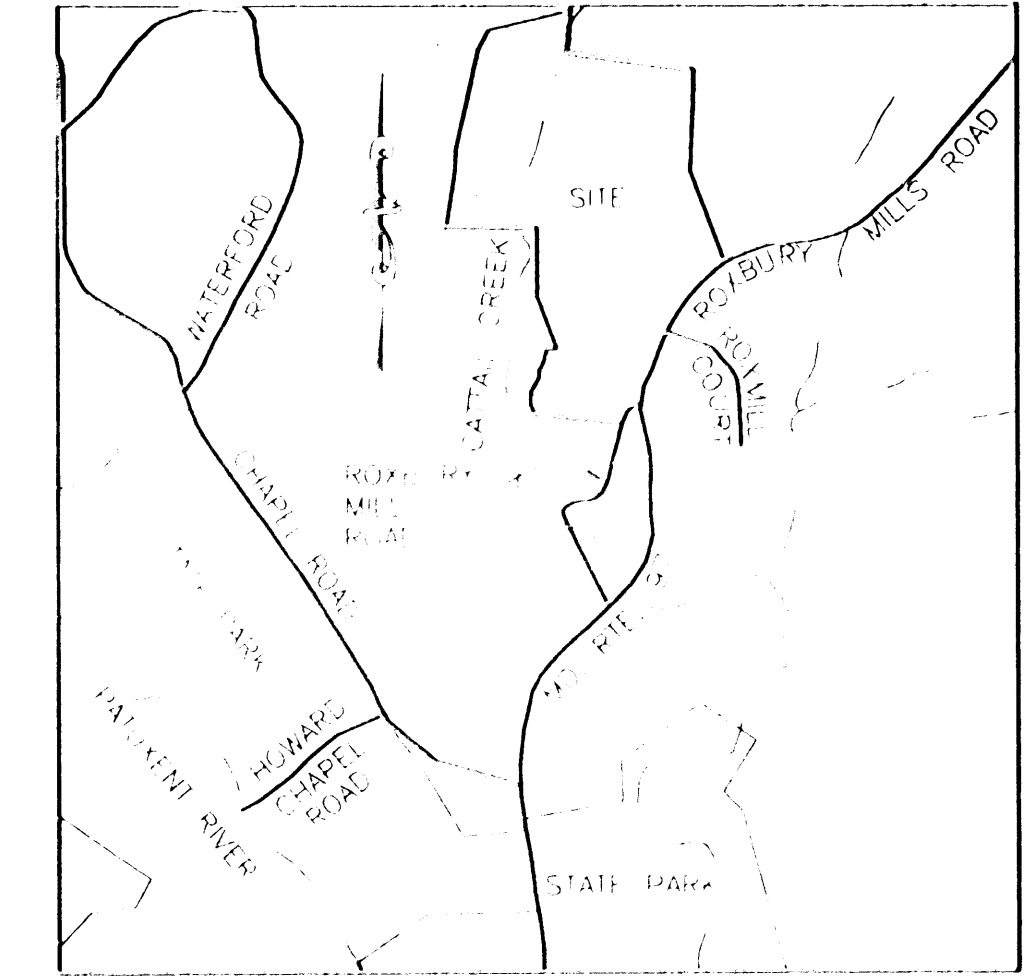
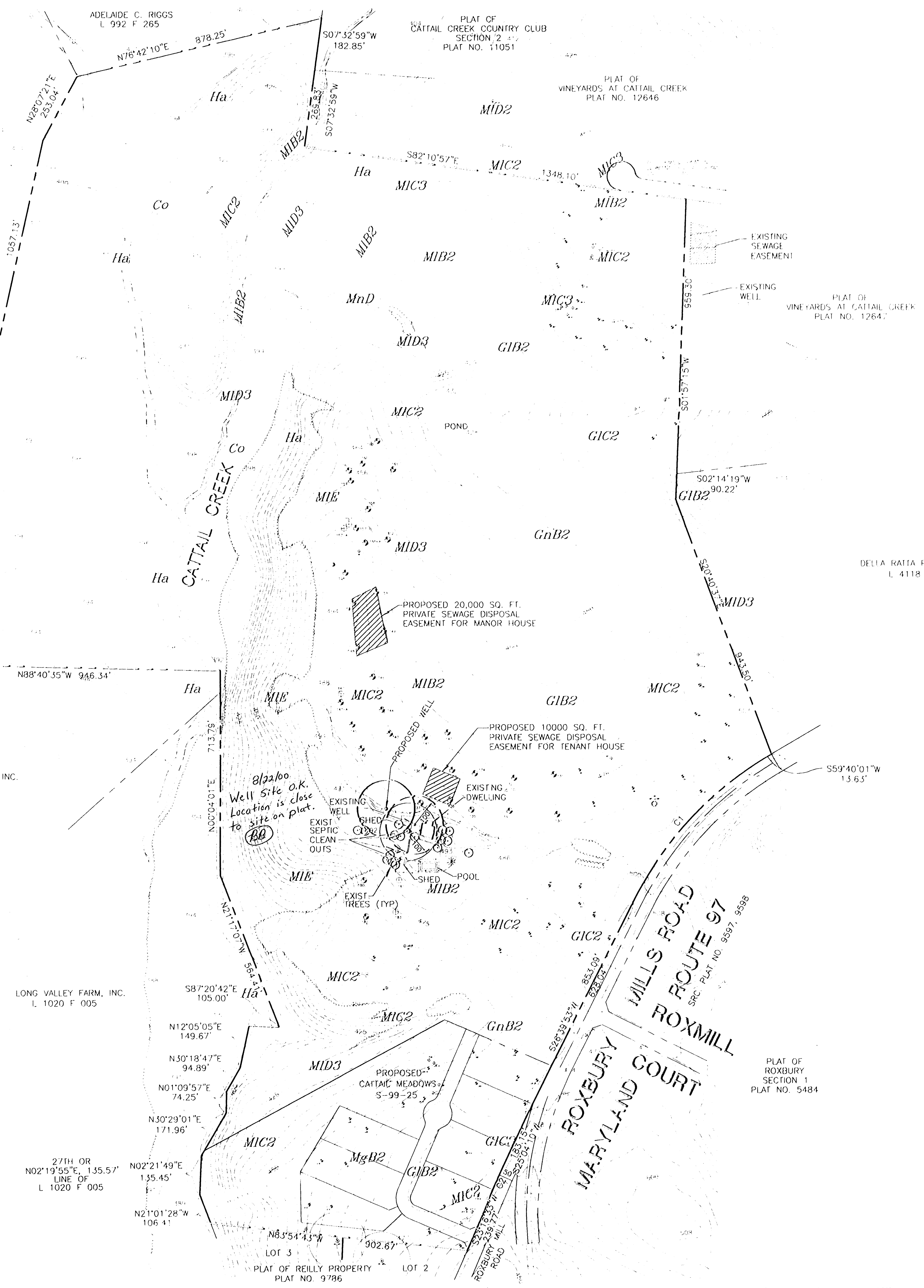
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MIB2	MANOR LOAM, 0 TO 3 PERCENT SLOPES	M
MIC2	MANOR LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	M
MIC3	MANOR LOAM, 3 TO 8 PERCENT SLOPES, SEVERELY ERODED	M
MID3	MANOR LOAM, 11 TO 25 PERCENT SLOPES, SEVERELY ERODED	M
MnD	MANOR BURY STONY CLAY, 4 TO 10 PERCENT SLOPES	M
MI	MANOR LOAM, 25 TO 45 PERCENT SLOPES	M
MgB2	MANOR BURY STONY CLAY	M



VICINITY MAP  
SCALE 1" = 2000'

- GENERAL NOTES**
- EXISTING ZONING = RC-DEO
  - GROSS AREA OF TRACT = 153.8190 ACRE
  - THE PROPERTY SHOWN HEREON IS PART OF THE FIRST PARCEL, ALL OF THE SECOND PARCEL AND PART OF THE THIRD PARCEL OF LIBER 257 FOLIO 518.
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PART OF THE  
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ROXBURY MILLS ROAD

TAX MAP #21 PARCEL 13 BLOCK #8  
3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
REGISTERED SURVEYORS & ENGINEERS

3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.461.5828 Fax 410.465.3966

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