

LAYOUT 7/11/02 10:30 INSP 4 7  
 INSP 2 7/12/02 2:30 INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 3/14/2002

P 517314

APPROVAL DATE: 7/12/02

A 510571-F

**PERMIT  
INDEXED**

RPS#  
337162

**ON-SITE SEWAGE DISPOSAL SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 BUREAU OF ENVIRONMENTAL HEALTH**

South Carroll Backhoe, Inc IS PERMITTED TO INSTALL  ALTER   
 ADDRESS: 4410 Salem Bottom Road PHONE NUMBER: 410-875-4197  
 SUBDIVISION: Brantwood 3/1 LOT NUMBER: 6  
 ADDRESS: 3059 Seneca Chief Trail PROPERTY OWNER: NVR Inc.  
 SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED   
 PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED   
 NUMBER OF BEDROOMS: 4  
 SQUARE FEET PER BEDROOM: 180  
 LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box near the higher easement stake that is closest to the house (as shown on the building permit plan). Run trenches on contour towards the 373.61' lot line.
NOTES:	Trenches to be 10' center to center.

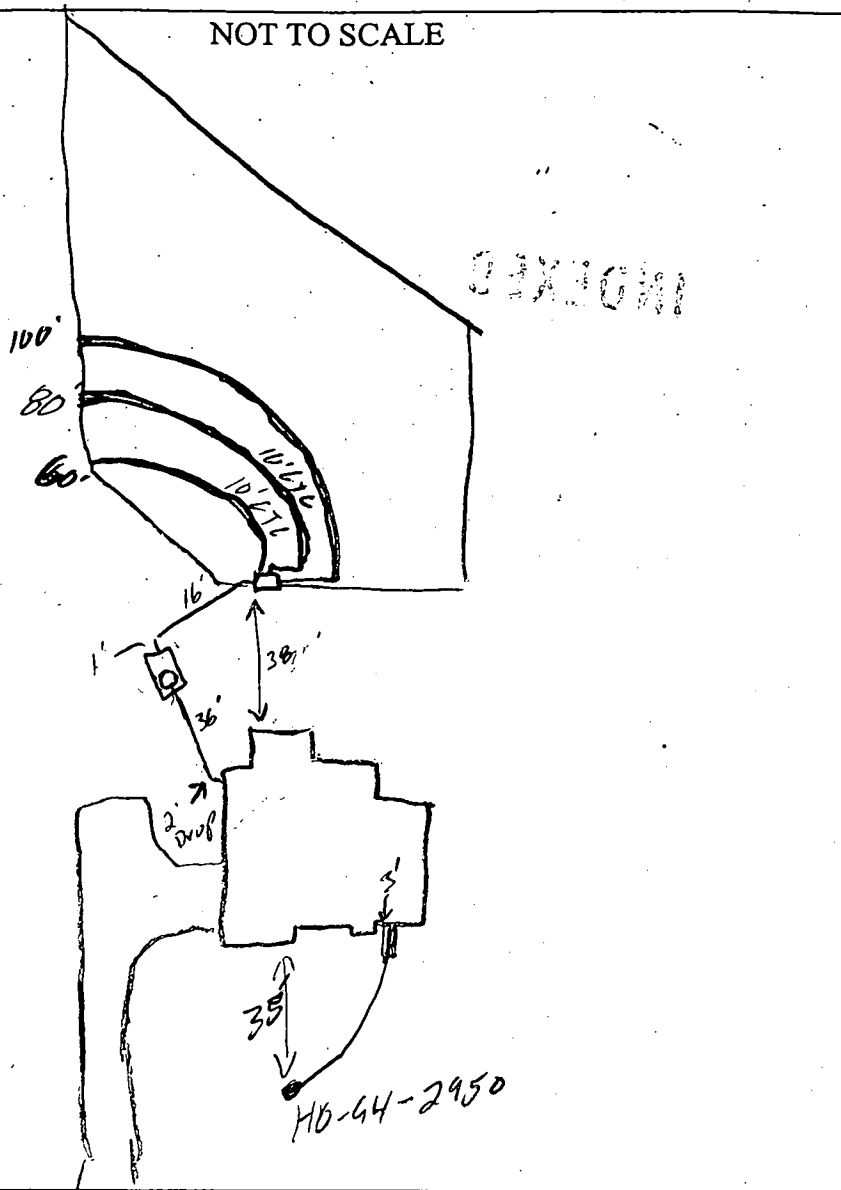
PLANS APPROVED: Brian Baker *OK* 4/24/02 (50) DATE: 4/09/2002

NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS  
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A510571-F

NOT TO SCALE



*Seneca Chief*

ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3	5
NUMBER OF TRENCHES		3
TOTAL LENGTH		240'
ABSORPTION AREA		720 <del>0</del>
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		—

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1-1.5'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	Front
6" PORT LOC	—
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	—
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	N/A
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—

PRE-CONSTRUCTION 7/11/02 lot staked, contours as shown, house corner higher than BP, Fall will be close, trenches per BP. (sc)

INSTALLATION 7/12/02 when shot, contours <sup>on plan</sup> was off. OK to cover all work (sc)

FINAL INSPECTOR *[Signature]*

DATE OF APPROVAL 7/12/02

SEPTIC SYSTEM DESIGN DATA:

- ① Invert at Foundation Wall: 458.60
- ② 1500 Gallon Septic Tank (4 BR-Provide manhole to grade)  
 Existing Ground over Tank: 460.20  
 Proposed Grade over Tank: 460.20  
 Invert In: 457.50  
 Invert Out: 457.20
- ③ Distribution Box: (Outlets Minimum)  
 Existing Ground Over Box: 460.10  
 Proposed Grade Over Box: 460.10  
 Invert In: 457.20
- 4. Trench Design:  
 (Per Health Department Septic Specifications)  
 = 180 SF per Bedroom x 4 Bedrooms = 720 SF  
 = 720 SF ÷ 3 Ft Trench Width  
 = 240 LF of Trench REQ.

	(A)	(B)	(C)
Ex. Ground over Trench:	460.00	459.00	458.00
Invert Trench:	457.00	456.00	455.00
Bottom Trench:	455.00	454.00	453.00
Length of Trench:	60 LF	80 LF	100 LF
Width of Trench:	3 Ft.	3 Ft.	3 Ft.

NOTE: Trench Design may be revised at time of installation based on site conditions.

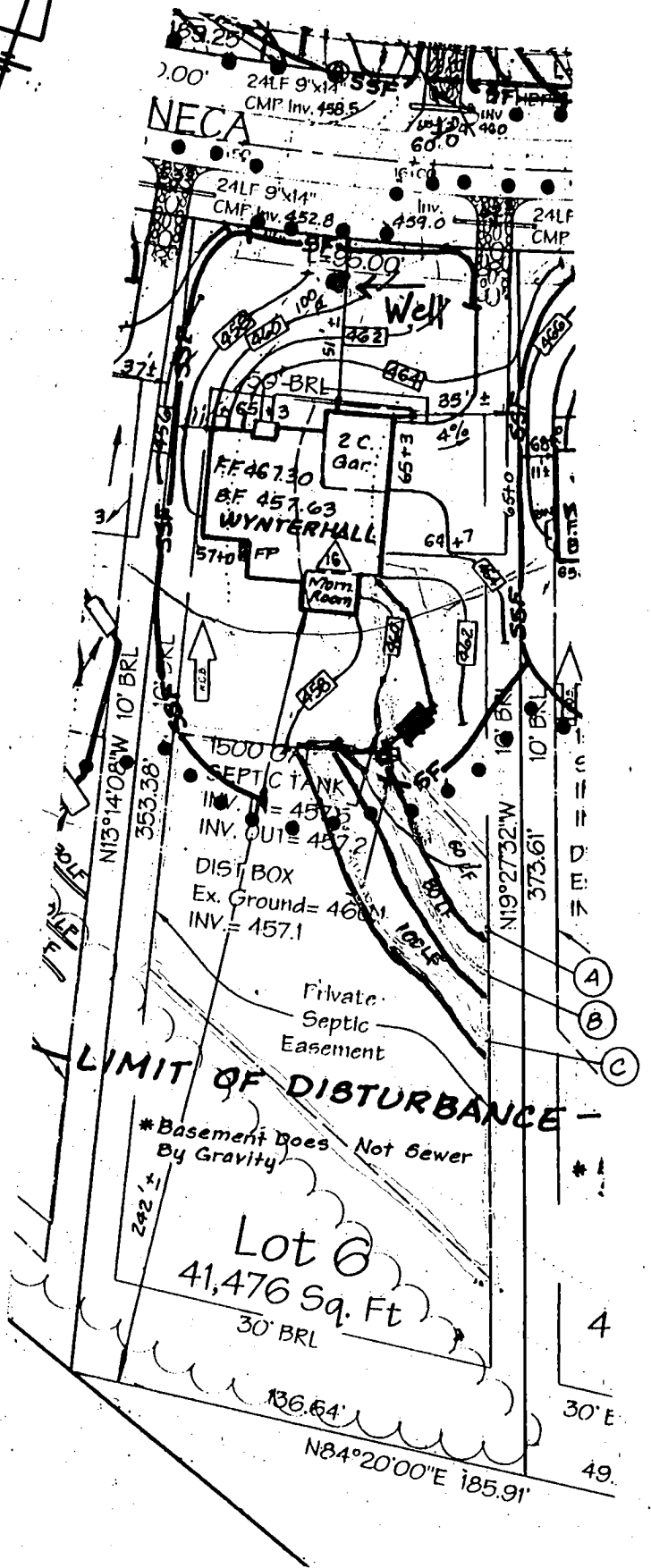
Approved Septic System Plan  
 Howard County Health Department

Brian Baber 4/9/02  
 Signature Date

- 1. Existing Zoning: RC
  - 2. Property address: 3059 Seneca Chief Trail
  - 3. The Limit of Disturbance was approved under GPO2-34
  - 4. The proposed driveway for this lot shall be a minimum of 10' wide, 6" crusher run with 2-1/2" macadam surface.
  - 5. The topography shown assumes proposed contours from the FOI-67 plan are existing.
  - 6. Driveway Entrance per Howard County Volume IV Standard Detail R 6.06.
- Total linear feet of trench required 240 feet

Width of trench(es) 3.5 feet  
 Depth of trench(es) 5.0 feet

Depth of stone required below distribution pipe 2.0 feet



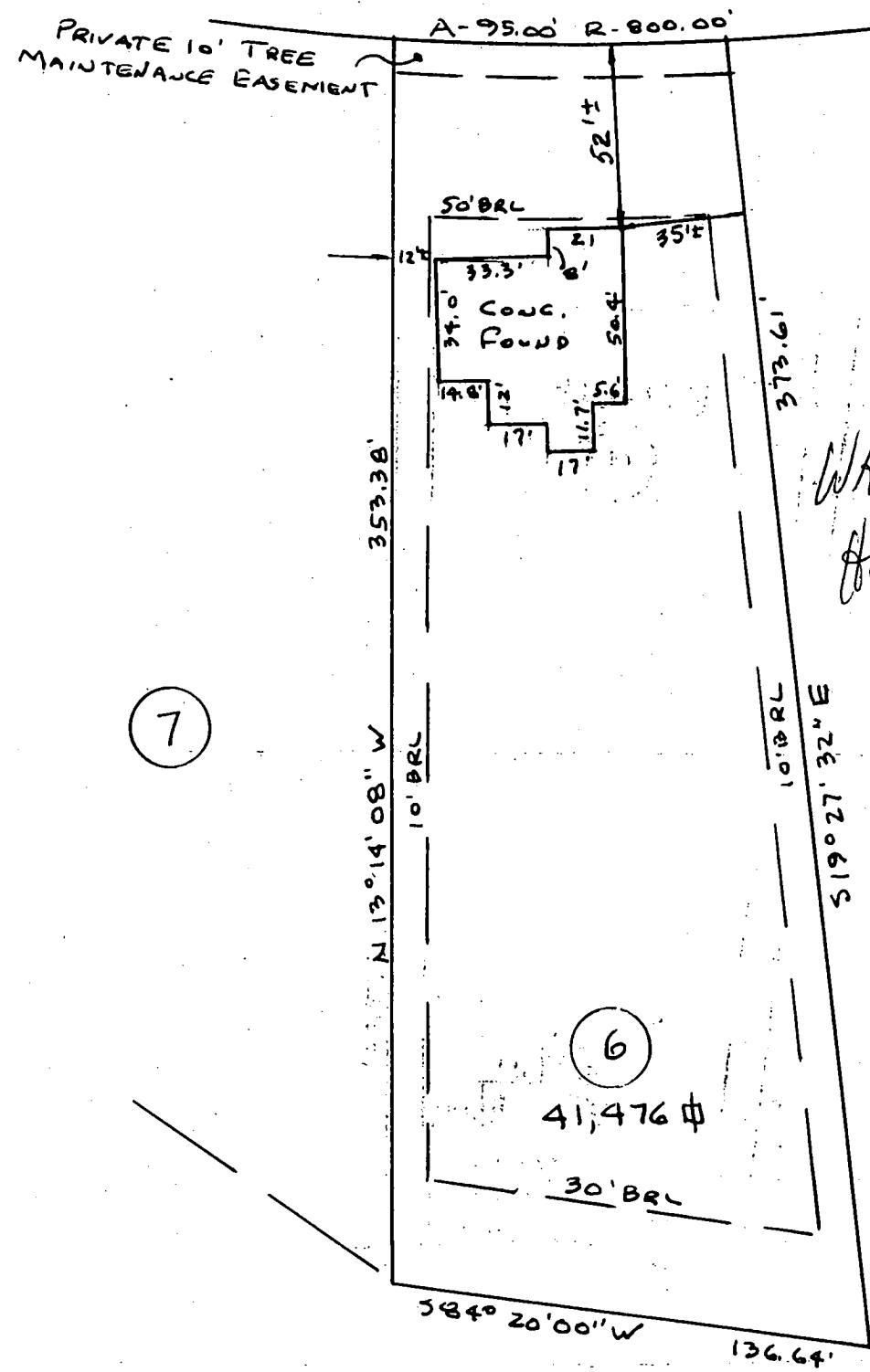
LDE, Inc.  
 0250 Rumsey Road, Suite 100  
 Columbia, Maryland  
 (410)715-1070 - (301)598-3424 - Fax (410)715-9540

Title: REVISION $\Delta$ 10 TO GPO2-34 BRANTWOOD SECTION 3 AREA 1 LOT 6		
Date: 3/1/02	Drawn: LDE	
Scale: 1" = 50'	LDE Job No.: 01-043	Sheet: 1 OF 1

PROPERTY KNOWN AS: LOT 6  
 BRANTWOOD SEC THREE  
 AREA ONE PLAT # 14876  
 3RD ELEC. DIST  
 HOWARD CO, MD

THIS PLAT CAN NOT BE USED TO ESTABLISH  
 PROPERTY LINES OR CORNERS.

SENECA CHIEF TRAIL  
 (50' RIW)



WALL CHECK OK  
 HOUSE PER  
 PLAN  
 RW 6/14/02

LOCATION DRAWING

TOP OF WALL ELEV 467.0

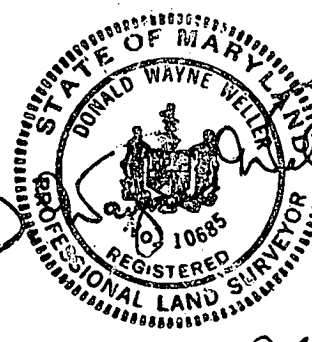
CERTIFICATION

SEAL

SCALE 1"=50' DATE 5/30/02

This is to certify that I have surveyed the property known as: LOT 6  
SENECA CHIEF TRAIL - BRANTWOOD

The information shown has been established by current acceptable survey procedures and from available record information. This drawing is to be used for Title Transfer Financing, or Refinancing Only and IS NOT to be used for the Establishment of Property Lines, Location for Fences, Garages, Buildings, or other Existing or Future Improvements.



**LDE Inc.**  
 9250 Rumsey Road Suite 106  
 Columbia, Maryland 21045  
 (410) 715-1070 (Balt.)  
 (301) 596-3424 (Wash)  
 (410) 715-9540 (Fax)

<b>C1</b>	<b>0273</b>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND WELL COMPLETION REPORT</b> FILL IN THIS FORM COMPLETELY PLEASE TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		DATE WELL COMPLETED. <u>04-03-01</u>		COUNTY NUMBER <u>A510571F</u>
ST/CO USE ONLY DATE Received MM DD YY 8 13		Depth of Well <u>300'</u> (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>HO-94-2950</u>

OWNER Brantwood LLC  
 STREET OR RFD Seneca Chief Trail TOWN Ellicott City  
 SUBDIVISION Brantwood SECTION 311 LOT 6

**WELL LOG**  
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Brownish & Brownish Orange silt soil	0	19'	
Tanish Brown silt soil	19'	25'	
Orangeish Tan silt soil	25'	40'	
Weathered Gray Brownish Tan rock	40'	70'	
Med Hard Gray mica, white, gray, green limestone	70'	300'	✓
		85'	✓

**GROUTING RECORD**

WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**

TYPE OF GROUTING MATERIAL (Circle one)  
 CEMENT **CM** BENTONITE CLAY **BC**

NO. OF BAGS 21 NO. OF POUNDS 1974  
 GALLONS OF WATER 126

DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 80' ft.  
 (enter 0 if from surface)

**CASING RECORD**

screen type or open hole (insert appropriate code below)  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
<u>PL</u>	<u>6"</u>	<u>80'</u>

**OTHER CASING (if used)**

diameter inch	depth (feet) from	to
<u>PL</u>	<u>5"</u>	<u>70'</u> to <u>90'</u>

**PUMPING TEST**

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.) 2

METHOD USED TO MEASURE PUMPING RATE WATCH & BUCKET

WATER LEVEL (distance from land surface)

BEFORE PUMPING 44' ft.  
 WHEN PUMPING 90' ft.

TYPE OF PUMP USED (for test)  
 A air  P piston  T turbine  
 C centrifugal  R rotary  O other (describe below)  
 J jet  S submersible

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED:  YES  NO

CIRCLE APPROPRIATE LETTER  
**A** A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
**E** ELECTRIC LOG OBTAINED  
**P** TEST WELL CONVERTED TO PRODUCTION WELL

**C2** DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	

DEPTH 10' 170' 300'

SLOT SIZE: 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_

DIAMETER OF SCREEN (NEAREST INCH)  
 from \_\_\_\_\_ to \_\_\_\_\_

**PUMP INSTALLED**

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES  NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 \_\_\_\_\_ 35 \_\_\_\_\_

PUMP HORSE POWER 37 \_\_\_\_\_ 41 \_\_\_\_\_

PUMP COLUMN LENGTH (nearest ft.) 43 \_\_\_\_\_ 47 \_\_\_\_\_

CASING HEIGHT (circle appropriate box and enter casing height)  
 + above  - below 2' (nearest foot)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

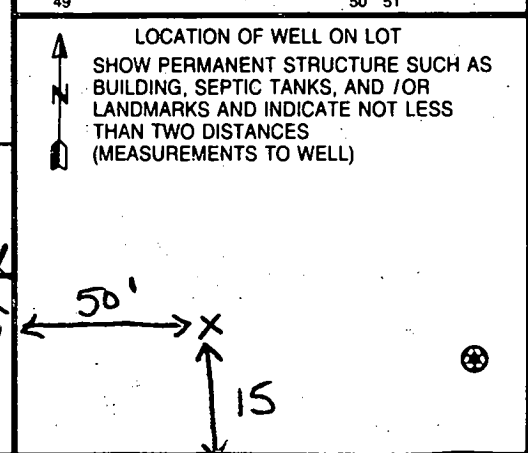
DRILLERS LIC. NO. MWD 355  
 DRILLERS SIGNATURE \_\_\_\_\_  
 (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MWD 546  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 \_\_\_\_\_

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

70 \_\_\_\_\_ 72 \_\_\_\_\_ 74 75 76 \_\_\_\_\_  
 TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 03011

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2950

1/16/01 Date Received (APA)

YONICK LIPARINI OWNER INFORMATION

B 3 Howard LOCATION OF WELL

8 COUNTY 21 BRANT WOOD

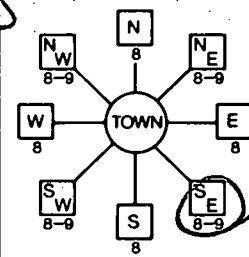
23 SUBDIVISION 42 SECTION 3 LOT 6

52 NEAREST TOWN Mayfield

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

B 4 Seneca Chief Trail BUTTER FRENT WAY

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 30 37 DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP: BLK: PARCEL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard CO COUNTY NAME

STATE SIGNATURE INSERT S

DATE ISSUED 1/25/01 EXP. DATE 1/25/02

NORTH GRID 520 000 EAST GRID 820 000

BRANT WOOD LLC

8835-P Columbia 100 Parkway

Columbia MD 21045

michael Barlow MW D355

michael Barlow Well Drilling

522 Underwood Lane Bel Air MD

Signature Date 1-11-2001

WELL INFORMATION APPROX. PUMPING RATE 5

AVERAGE DAILY QUANTITY NEEDED 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

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 DEEPEINED 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
THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

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

APPROP. PERMIT NUMBER HO98 G A P (50032)

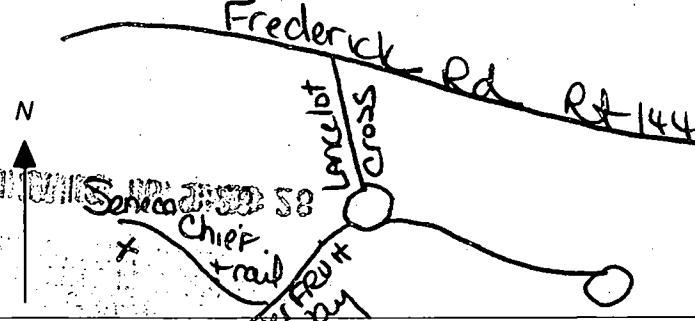
PERMIT No. HO-94-2950

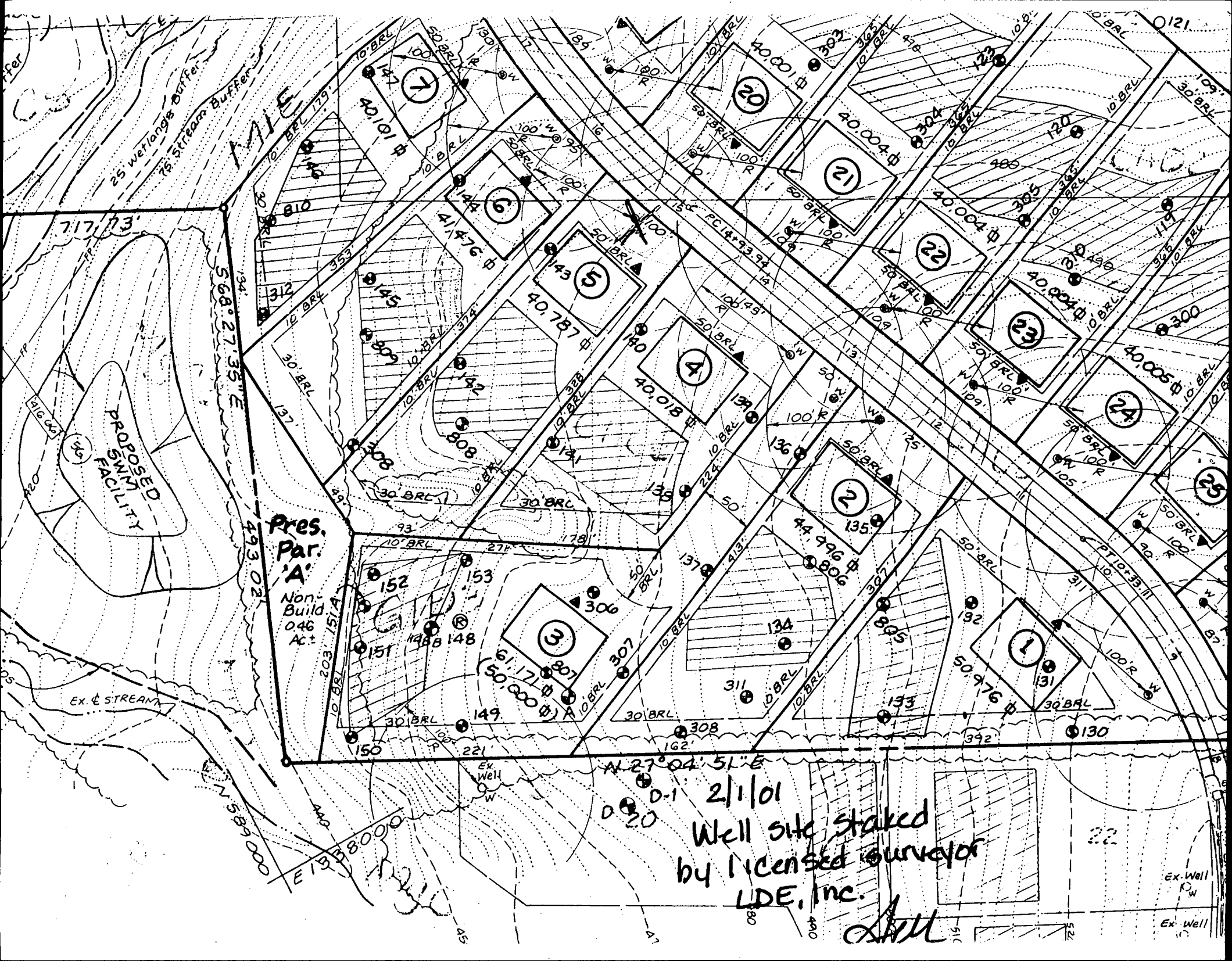
SPECIAL CONDITIONS NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1.
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE
E 820
N 520

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





25 Wetlands Buffer  
75 Stream Buffer

PROPOSED FACILITY

Pres. Par. A  
Non-Build  
046  
Ac.

EX. STREAM

2/1/01  
Well site staked  
by licensed surveyor  
LDE, Inc.

AHL

Ex. Well  
PW  
Ex. Well

# APPLICATION

PERCOLATION TESTING

A 510571Q

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 7/17/98

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 George A. Garbutt

ADDRESS 11363 Frederick Rd., Ellicott City, MD 21042 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Heritage Land Development

ADDRESS 3243 Bethany Lane, Ellicott City, MD 21042 PHONE 410-313-8808

PROPERTY LOCATION:

SUBDIVISION Brantwood II LOT NO. 176

ROAD AND DESCRIPTION 11363 Frederick Road, Ellicott City, MD 21042

TAX MAP 16 PARCEL # 172

SIZE OF LOT 1 acre TYPE BLDG. SFD  
(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. \_\_\_\_\_ ✓

(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

5105710  
COUNTY #

SOIL PROFILE  
142

0'  
3'  
12'

orange  
cl tm  
orange  
brown  
siltm  
mica  
flecs  
15%  
shale  
frags

143

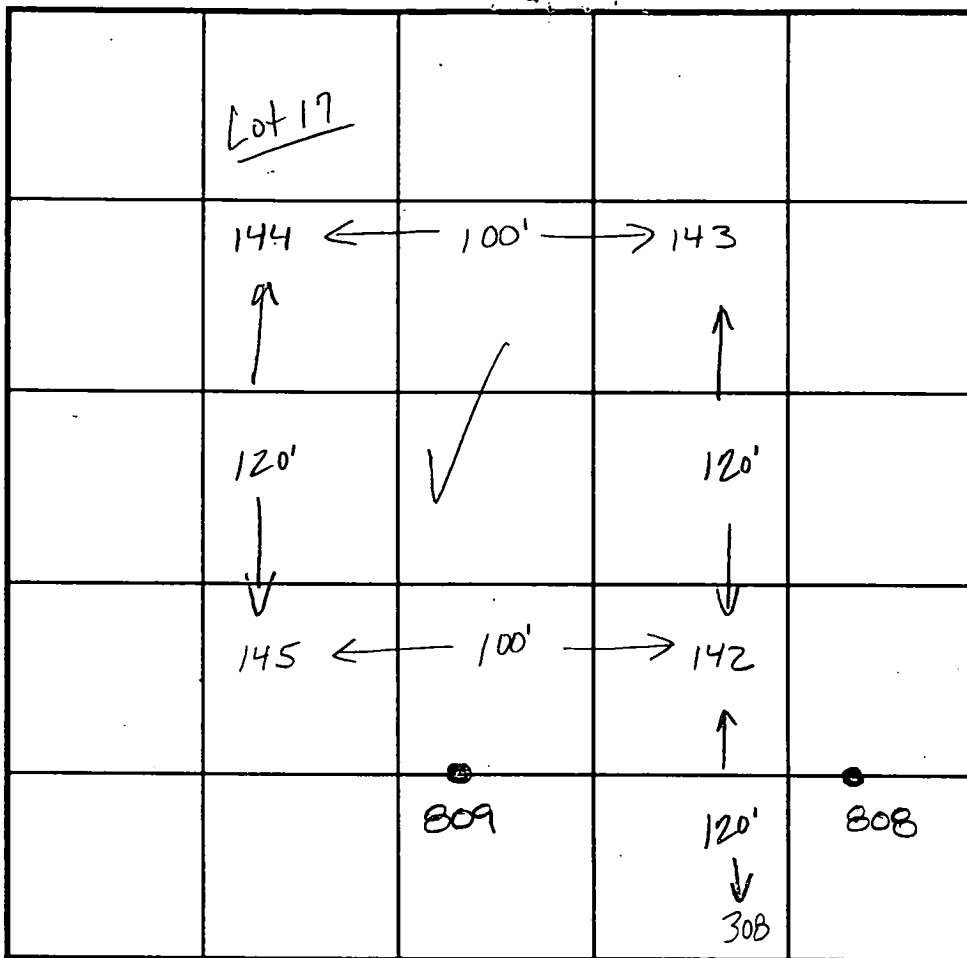
3.5'  
11'

orange  
cl tm  
tan/  
orange  
siltm  
mica  
flecs  
10%  
shale  
frags

144

3'  
12.5'

orange  
cl tm  
tan/  
beige  
siltm  
mica  
flecs  
10%  
shale



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
145

0'  
3'  
12'

orange  
brown  
cl tm  
brown/  
orange  
siltm  
mica  
flecs  
15%  
shale  
frags

308

3'  
12'

orange/  
brown cl tm  
beige/white  
quartz frags  
siltm  
powdery  
10% shale

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-24-98	142	3.0'S	12:1420	12:1550	12:1550	12:1750	2min
		12.0'D	visual	ok - see profile			
	143	3.5'S	12:0540	12:0650	12:0650	12:0850	2min
		11.0'D	visual	ok - see profile			
	144	3.0'S	11:2520	11:2730	11:2730	11:32	4 1/2
		12.5'D	visual	ok - see profile			
	145	12.0'D	visual	only - ok see profile			
	308	12.0'D	visual	only - ok see profile			
	311	11.5'D	visual	ok - same as test hole #308			

REMARKS test holes staked by surveyor

TYPE OF SOIL

TESTED BY

Kim Maiste

ALSO PRESENT

Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

# APPLICATION

PERCOLATION TESTING

A 511420

P \_\_\_\_\_

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

DISTRICT 3rd

DATE 2/10/99

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 Wendy E. Takacs  
11407 Frederick Road  
ADDRESS Ellicott City, MD 21042 PHONE 410-531-3858

AGENT OR PROSPECTIVE BUYER Brantwood LLC  
8835-P Columbia 100 Pkwy.  
ADDRESS Columbia, MD 21045 PHONE 410-730-0810

PROPERTY LOCATION:

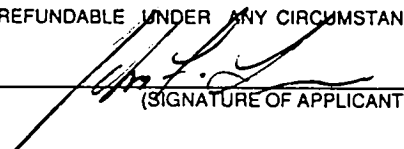
SUBDIVISION Brantwood Section Three LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Cotswold Spring Farm Lane

TAX MAP 16 PARCEL # 205

SIZE OF LOT 40,000 S.F.+ TYPE BLDG. Single Family Dwelling  
(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.



(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

COUNTY #

SOIL PROFILE

808

dark red  
Siclm

3.0

1qt or  
Salm  
gravelly  
20%  
Rx

12.0

809

dark brown  
Siclm

3.0

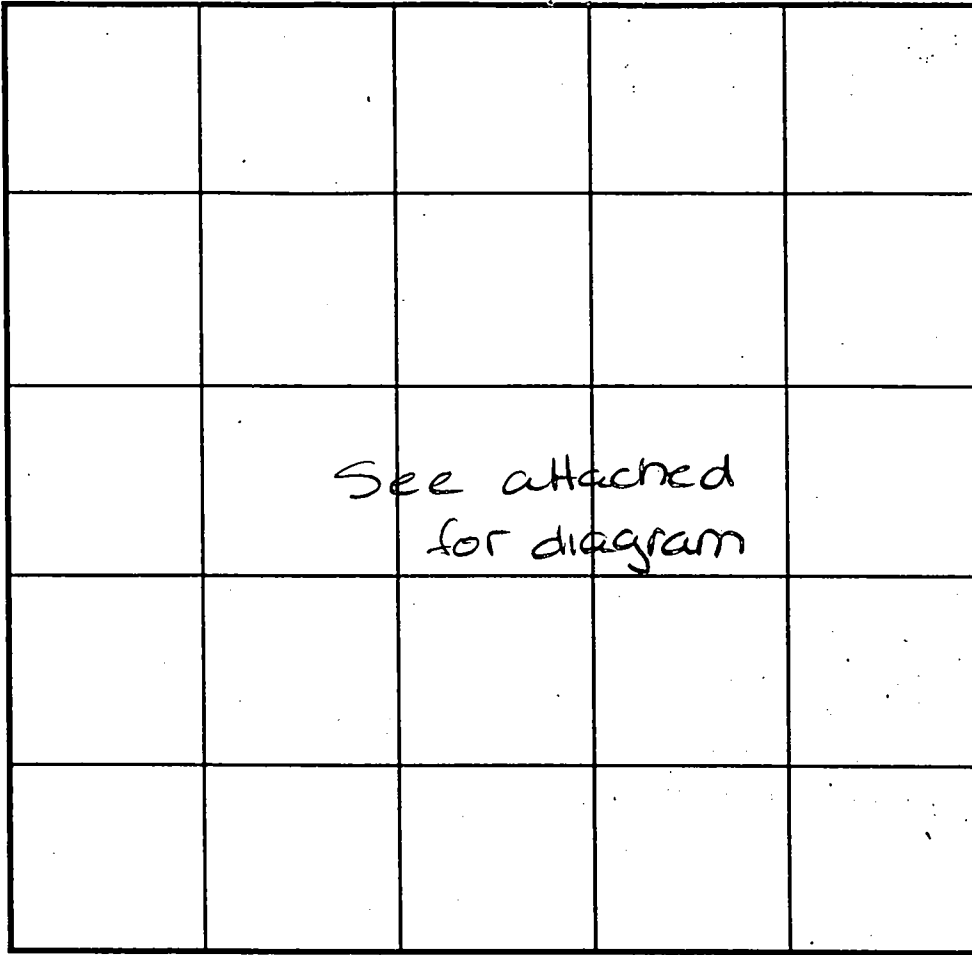
grey brown  
Salm  
30%  
mica  
shale

12.0

SOIL PROFILE

0'

Empty vertical box for soil profile notes.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-8-99	808	Visual to 12.0	- see profile				OK
	809	Visual to 12.0	see profile				OK

REMARKS \_\_\_\_\_

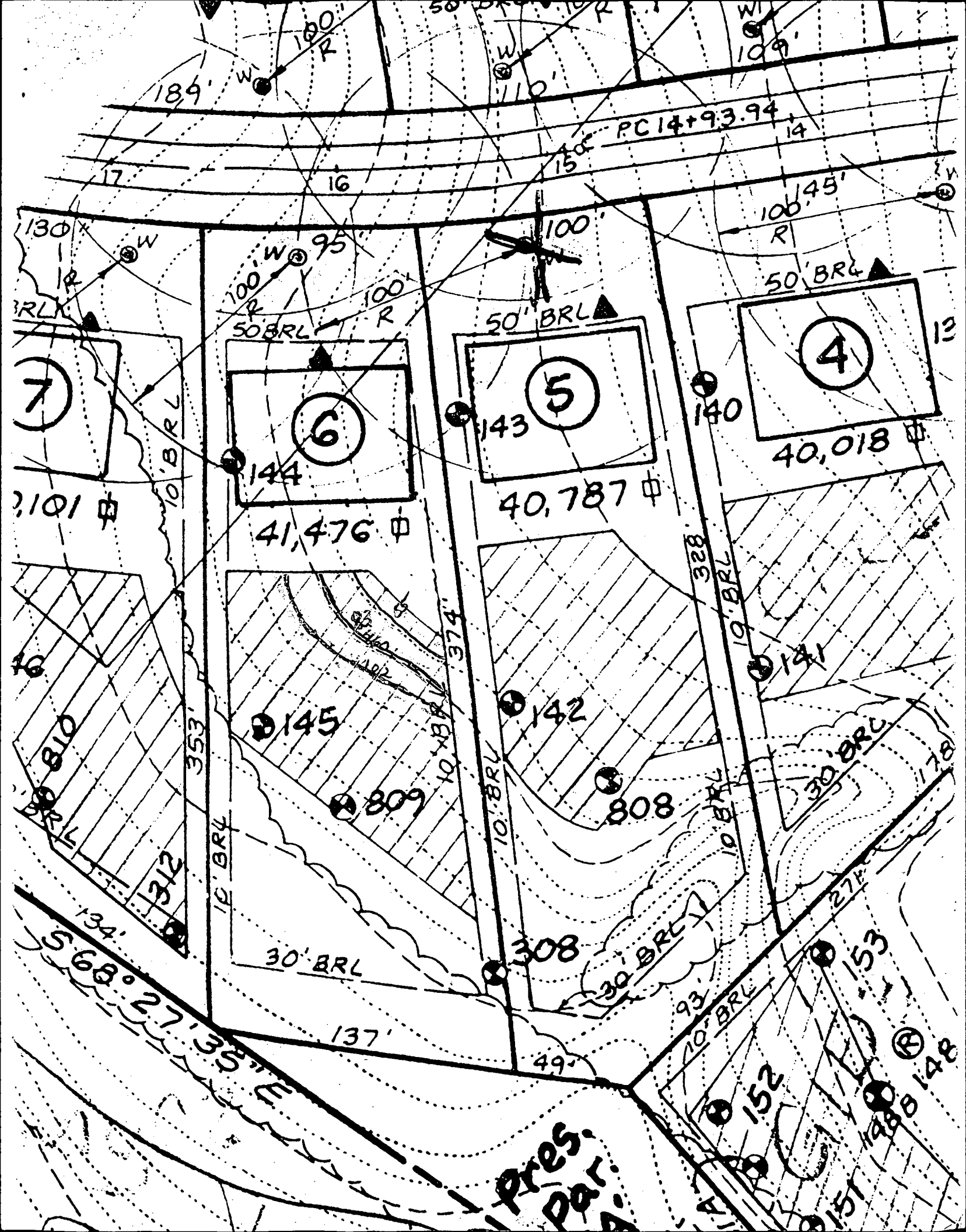
TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen ALSO PRESENT Tim Feasa

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_





189' W  
100' R

PC 14+93.94  
14

17  
16

130' W  
R

100' W 95°  
50' BRL  
100' R

100'  
15°

100' 45' R

7  
2,101

6  
144  
41,476

5  
143  
40,787

4  
140  
40,018

310  
312  
353'  
10' BRL  
10' BRL

145  
809  
30' BRL  
10' BRL  
374'

142  
808  
10' BRL  
328  
10' BRL  
30' BRL  
93'  
10' BRL

141  
30' BRL  
178'

134'  
S 68° 27' 35" E  
137'

Pres.  
Par.

152  
153  
148  
148  
151

Public Stormwater Management  
Access, Drainage & Utility  
Easement

MATCHLINE SHEET 3

SENECA CHIEF TRAIL  
(Public 50' R/W)

Preservation Parcel "B"  
(Non-Buildable)  
0.2959 Ac.±  
12,890 Sq. Ft.  
Owner: Brantwood Community  
Association, Inc.  
Trust Holders: Howard County,  
Maryland

Existing Public Stormwater  
Management, Drainage And  
Utility Easement  
Plat Number 14934

Preservation Parcel "A"  
(Non-Buildable)  
0.4241 Ac.±  
18,472 Sq. Ft.  
Owner: Brantwood Community  
Association, Inc.  
Trust Holders: Howard County,  
Maryland

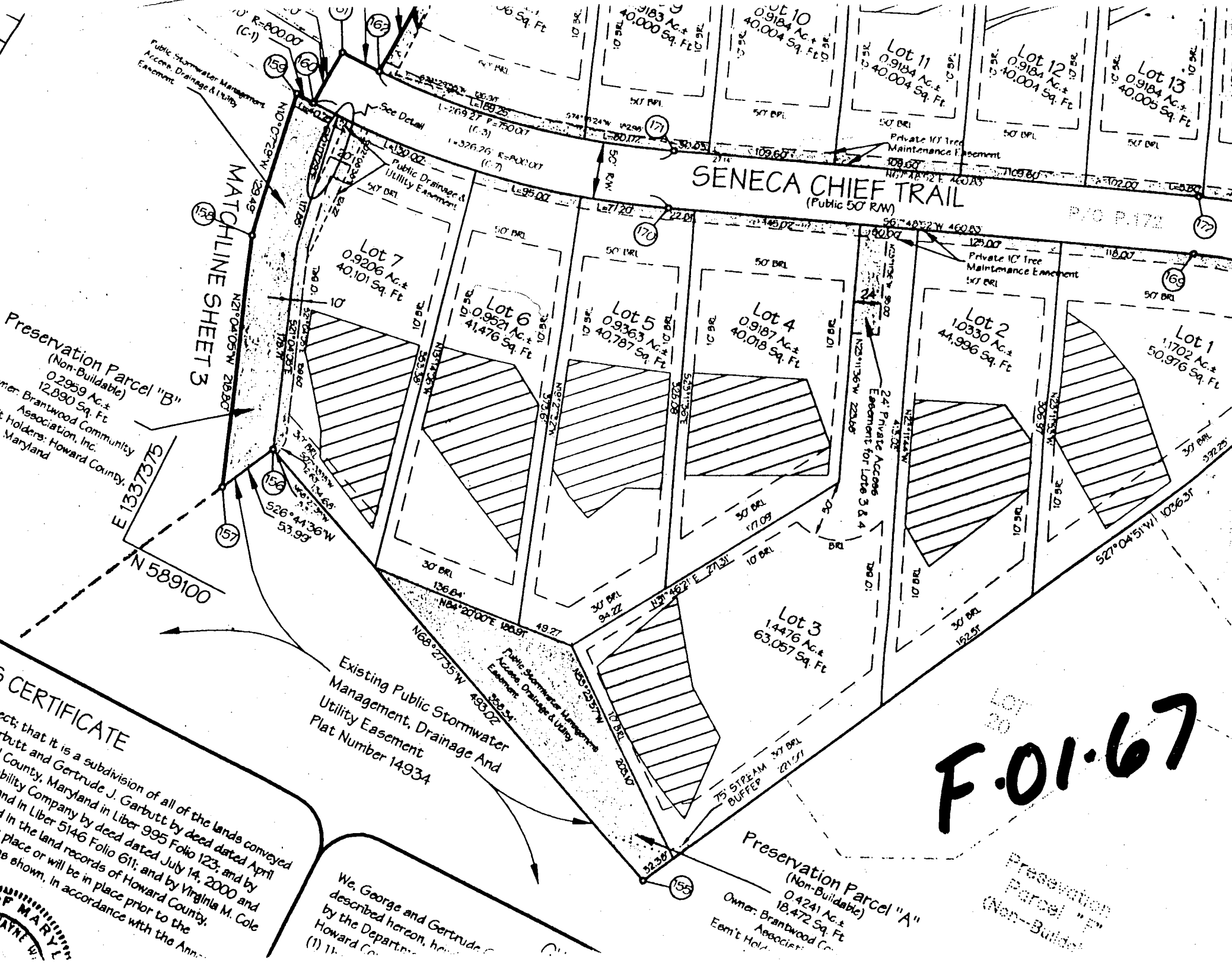
LOT 20  
F.01.67

Preservation  
Parcel "F"  
(Non-Buildable)

DEED CERTIFICATE

That it is a subdivision of all of the lands conveyed  
to the Trust by Gertrude J. Garbutt and Gertrude J. Garbutt and Gertrude J. Garbutt in  
Howard County, Maryland in Liber 995 Folio 123; and by Virginia M. Cole  
Trust Company by deed dated July 14, 2000 and  
in Liber 5146 Folio 611; and by Virginia M. Cole  
Trust Company by deed dated July 14, 2000 and  
in place or will be in place prior to the  
date shown, in accordance with the Annex

We, George and Gertrude J. Garbutt,  
described hereon, hereby certify that the  
by the Department of the Environment  
Howard County, Maryland  
(1) 11



CHIEF

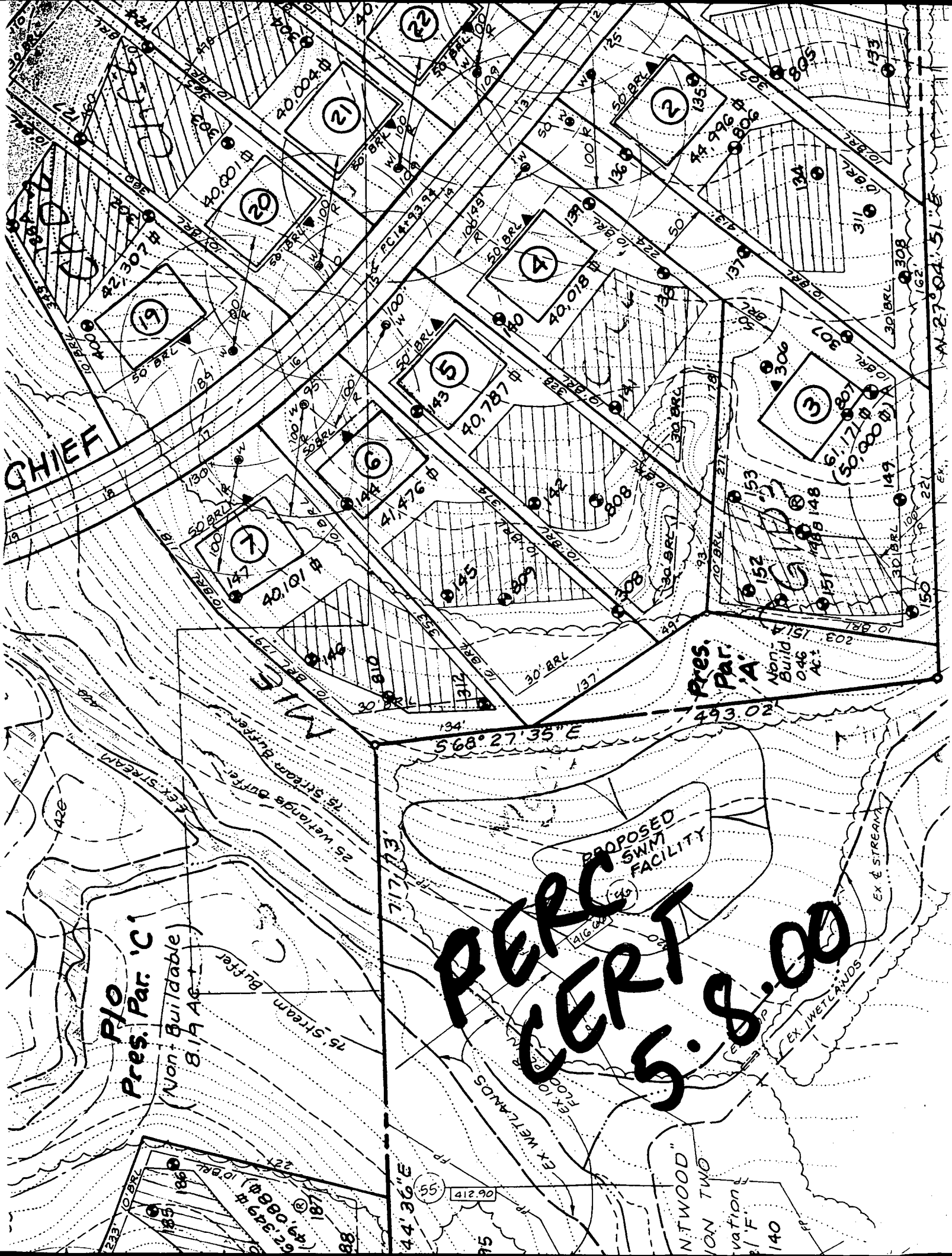
MINE

P10  
Pres. Par. 'C'  
(Non-Buildable)  
8.19 Ac.

PERC  
CERT  
5.8.00

PROPOSED  
SWM  
FACILITY

Pres.  
Par. 'A'  
Non-Build  
0.46  
Ac.



N 27° 04' 51" E

568° 27' 35" E

44° 36' E

N. TWOOD  
NON TWO

vation  
F.  
140

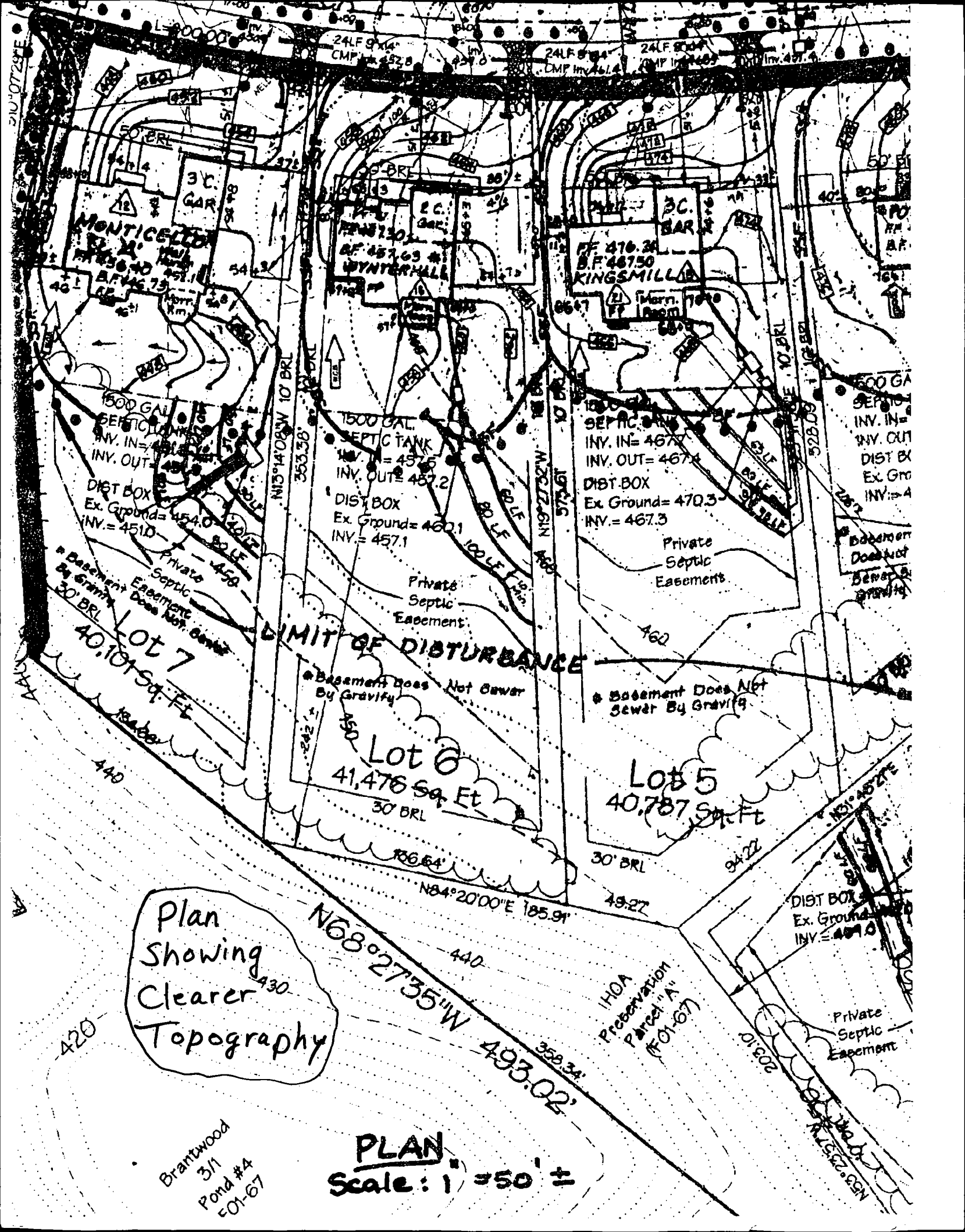
EX. STREAM

EX. WETLANDS

75' Stream Buffer  
75' Stream Buffer

EX. WETLANDS  
EX. WETLANDS

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Plan  
Showing  
Clearer  
Topography

**PLAN**  
Scale: 1" = 50' ±

Brantwood  
3/1  
Pond #4  
01-67