

PUB. SEWER STATUS VERIFIED BY MR

3/25/02
10:30 - Layout

4/2/02 Layout
10-11 4/3/02-2:00
4/4/02 AM
P 516531
A 510572
8/8/02 1:00

ISSUE DATE: 2/22/02
APPROVAL DATE: 4/4/02

PERMIT
INDEXED

RPS#
337324

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

South Carroll Backhoe IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: (410) 875-4197

SUBDIVISION: Brantwood 3/2 LOT NUMBER: 20

ADDRESS: 11331 Cotswold Spring Farm Lane PROPERTY OWNER: Mona Brinegar

SEPTIC TANK CAPACITY (GALLONS): 1250

PUMP CHAMBER CAPACITY (GALLONS): N/A 1250 FOR FUTURE PUMP

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place distribution box 110' from existing well and 35' from the road right-of-way. Run trenches on contour as shown on site plan.
PURPOSE:	****EXISTING SYSTEM MUST BE FOUND AND EVALUATED FOR ABANDONMENT OR RETENTION.**** Repair in support of future building permit application.

PLANS APPROVED: MER DATE: 2/20/02

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

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 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A510572

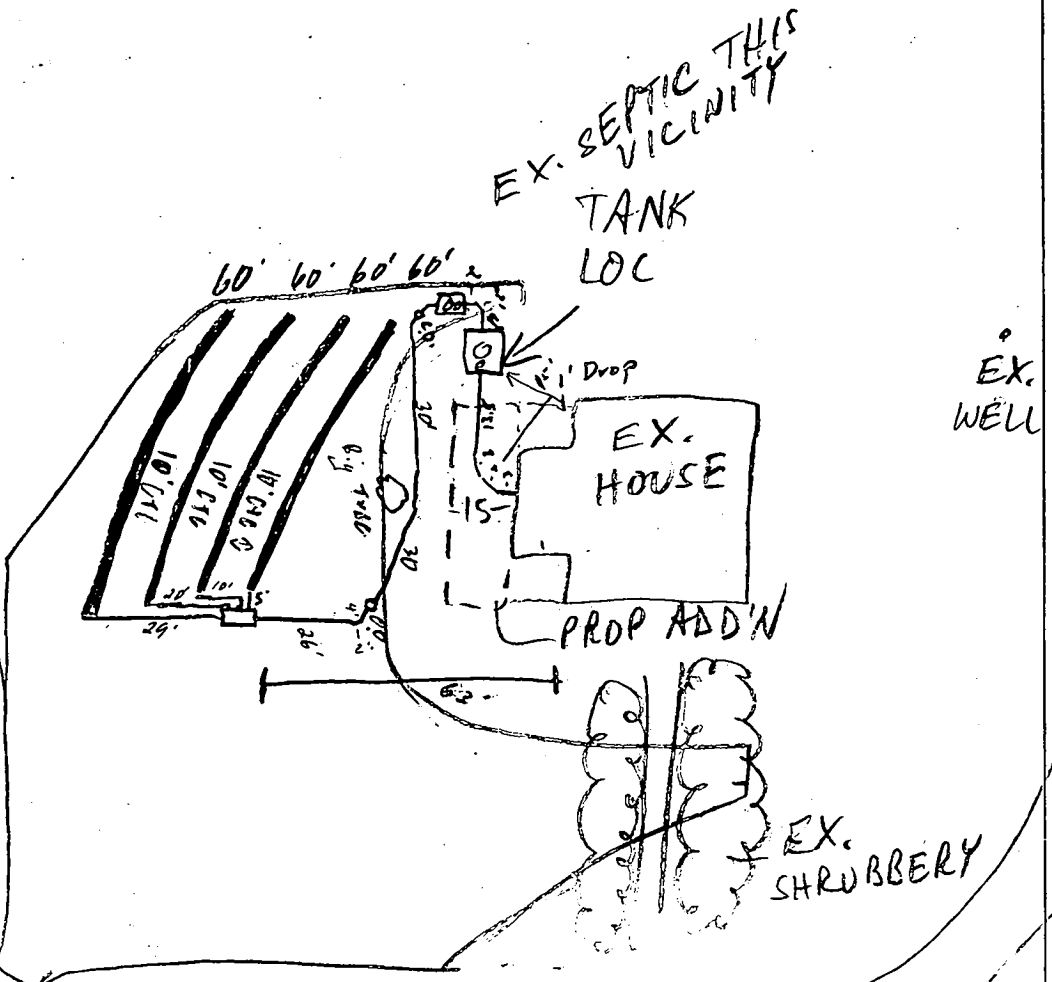
NOT TO SCALE

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		4
TOTAL LENGTH		240'
ABSORPTION AREA		720 sq
DISTRIBUTION BOX LEVEL		yes
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		—

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	yes
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	18"
BAFFLES	yes
BAFFLE FILTER	no
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	N/A
SEPTIC TANK 2 LEVEL	yes
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	18"
BAFFLES	yes
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	N/A



COTSWOLD SPRING FARM LANE ROAD

PRE-CONSTRUCTION 3/25/02 Contr. hit old foundation w/ S.T. hole. SRA top corner goes thru sidewalk. Stop work. Meet w/ owner & contractor tomorrow. Probably need to

INSTALLATION move S.T. location (SO) 4

4/2/02 OK TO PLUMB TO 2ND SYSTEM w/ FUTURE PUMP TANK; OK TO

INSTALL (4) 60' TRENCHES RUNNING TOWARD LOT 21 (MR) 4/3/02 Tank's

set, 1st trench installed OK to cover (SO) 4/4/02 OK to cover all

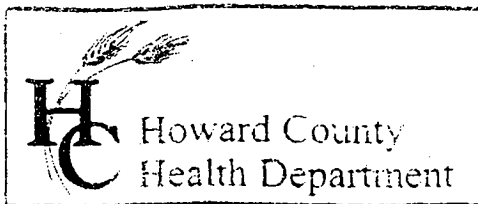
work (SO) 8/8/02 Met Developer (NEX) & Contr. (Renay) Apparently there is

a 2nd house conn under footer. Need to re-plumb basement &

Y into current septic line (SO)

FINAL INSPECTOR John [Signature]

DATE OF APPROVAL 4/4/02



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(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

October 8, 2003

Ramona Brinegar
11331 Cotswold Spring Farm Lane
Ellicott City, MD 21042

RE: **Well Permit # 94-2985**
11331 Cotswold Spring Farm Lane
Water Sampling

Dear Ms. Brinegar:

According to our records your well was more than likely connected to the dwelling. A site inspection of the connection of the well line to the house was not conducted. Due to the circumstances of the construction of your home, with an existing house on the lot, this must have been overlooked and an inspection was not called into this office. Also, according to our records, we do not show a record of your well water being tested.

This office is requesting that you contact the Community Services Program at (410) 313-1773 to schedule an initial water sampling for the referenced well, as required by the Maryland Well Construction Regulation (COMAR 26.04.04). There is currently no charge for the sampling and it is to your benefit to have it tested.

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.

If you have any questions, or would like to discuss these matters further please call me at (410) 313-1771. Thank you for your attention to this important matter.

Respectfully,



Steven R. Krieg
Registered Environmental Sanitarian
Well and Septic Program

cc: Community Services Program
File

October 10, 2001

Diana Mardell
Brantly Group

By FAX: (410) 715-0681

Diana:

Thank you for Mark Rifkin's name/phone yesterday. I met with Mark yesterday, and he relayed that the septic field could accommodate a 15' addition to the east side of the house, if changed now, in the plat. He also relayed that the modification would require only about 20 minutes on the part of an LDE engineer, and the plat would not have to be re-viewed by all the parties who have signed off, or seen the current plat due to the small size of the change. The modification is quite small, but would render a building addition on the house prohibitively expensive if not undertaken before plat recordation.

Mark is quite willing to speak with LDE. I suggest we make contact so that the small modification can be communicated to LDE, either through you, or Mark Rifkin. There are other specifications that should be communicated, as the first of three fields would be the southernmost rather than the northernmost option.

Please see the attached revision provided by Mark. Thanks so much for working with me on this important issue.

Sincerely,



Mona Brinegar
443 436-7942

cc. Dave Carney 730 7729
dd. Mark Rifkin 313 2648

C1 1613 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. 5/22/01 OK
COUNTY NUMBER BA

ST/CO USE ONLY DATE Received MM DD YY DATE WELL COMPLETED MM DD YY 5 8 01 Depth of Well 22 265 26 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" No. 94-2985

OWNER Brantwood LLC
STREET OR RFD. Brantwood Spring Farm Ln TOWN West Friendship Md
SUBDIVISION Brantwood SECTION 3- Area 2 LOT 120

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	
Sand	0	39	
Gray Mica Rock	39	265	✓

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 14 NO. OF POUNDS 1316
GALLONS OF WATER 84

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 40 ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 43

OTHER CASING (if used)

diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL BR BRASS HO OPEN HOLE
 PL PLASTIC OT OTHER

C 2 DEPTH (nearest ft.)

1	2	3	4	5	6
10	41	265			
8	9	11	15	17	21
23	24	26	30	32	36
38	39	41	45	47	51

SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH) 56 60
from to

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min.) 7.5
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 35 ft.
WHEN PUMPING 157 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

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 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 } LAND SURFACE
 - below } 2 (nearest foot)

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

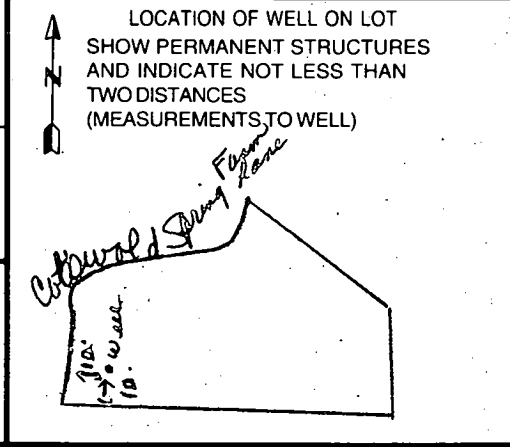
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 MSD024
DRILLERS SIGNATURE *Branch L. Mayner*
LIC. NO. 1 D

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 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 03701

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2985

W514919 please print or type

fill in this form completely

Date Received (APA) 2/6/01

OWNER INFORMATION

Brantwood L.L.C. 8835 P. Columbia 100 Parkway Columbia Md 21045

LOCATION OF WELL

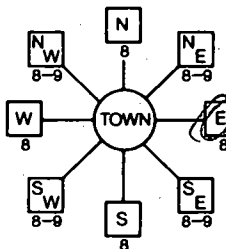
Howard County Brantwood SECTION 3 LOT 24 Area 2 West Friendship

MILES FROM TOWN (enter 0 if in town) 3.42

DRILLER INFORMATION

Joseph L. Mayne M S D O 24 Joseph L. Mayne Well Drilling 5512 Ridge Rd Mt. Airy Md 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Cotswold Spring Farm La NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 20 FT

TAX MAP: BLK: PARCEL

WELL INFORMATION

APPROX. PUMPING RATE 5 APPROX. PUMPING RATE (GAL. PER MIN.) 500 AVERAGE DAILY QUANTITY NEEDED 14

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 Co 13 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 2/12/01 CO SIGNATURE EXP. DATE NORTH GRID 520 000 EAST GRID 820 000

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 THIS WELL WILL DEEPEM AN EXISTING WELL

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

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

APPROP. PERMIT NUMBER HO 98 GAP G1003(2) PERMIT No. HO-94-2985

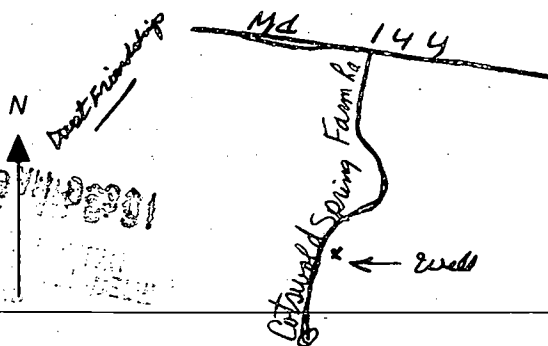
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

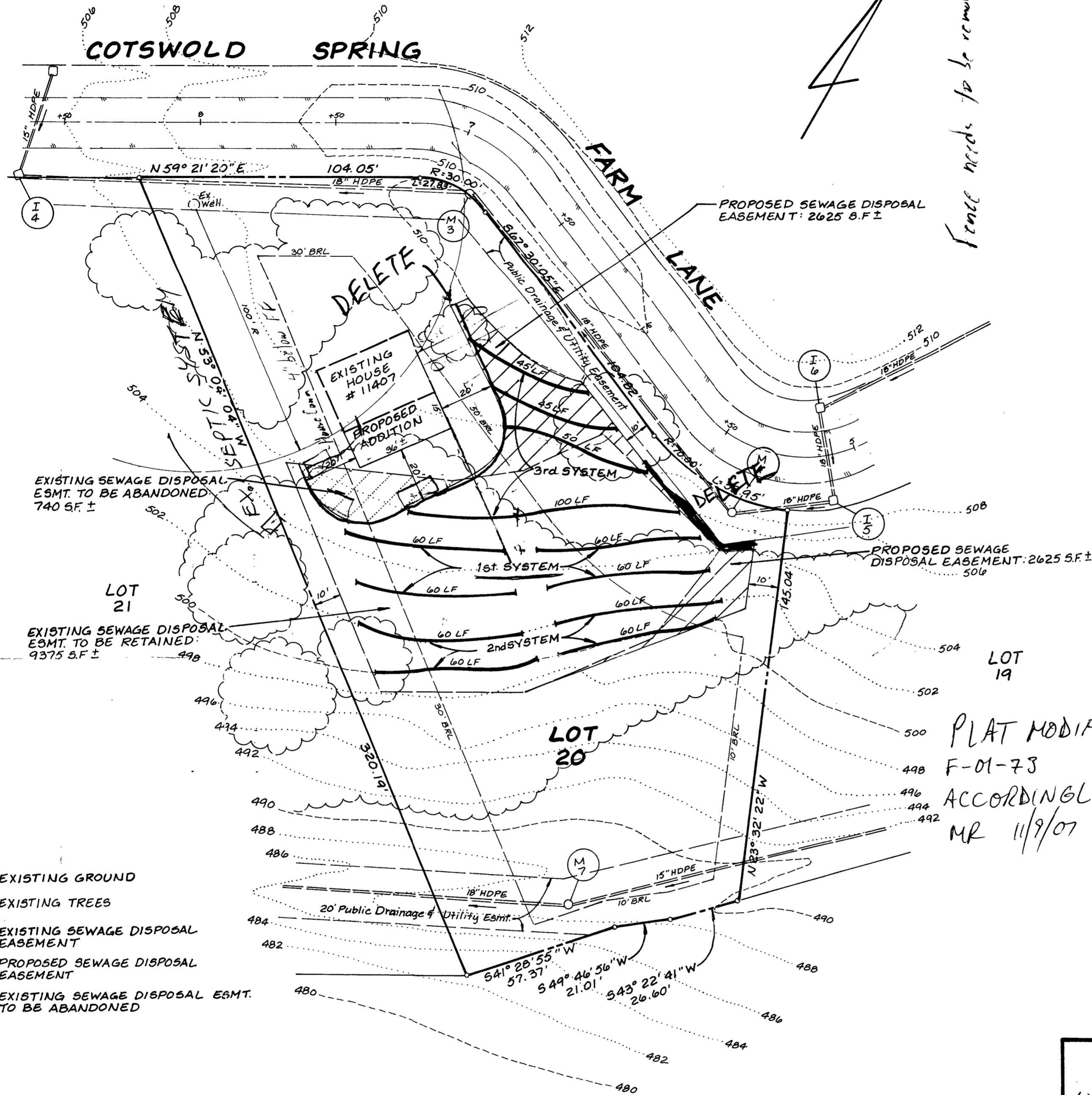
E 820 N 520

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



SEWAGE DISPOSAL EASEMENT CALCULATIONS

1. Total Area of Existing Disposal Easement:	10,115 SF ±
2. Area of Existing Easement Abandoned:	- 740 SF ±
3. Net Existing Easement Retained:	9,375 SF ±
4. Proposed Sewage Disposal Easement:	+ 2,625 SF ±
5. Total Area of Easement:	12,000 SF ±

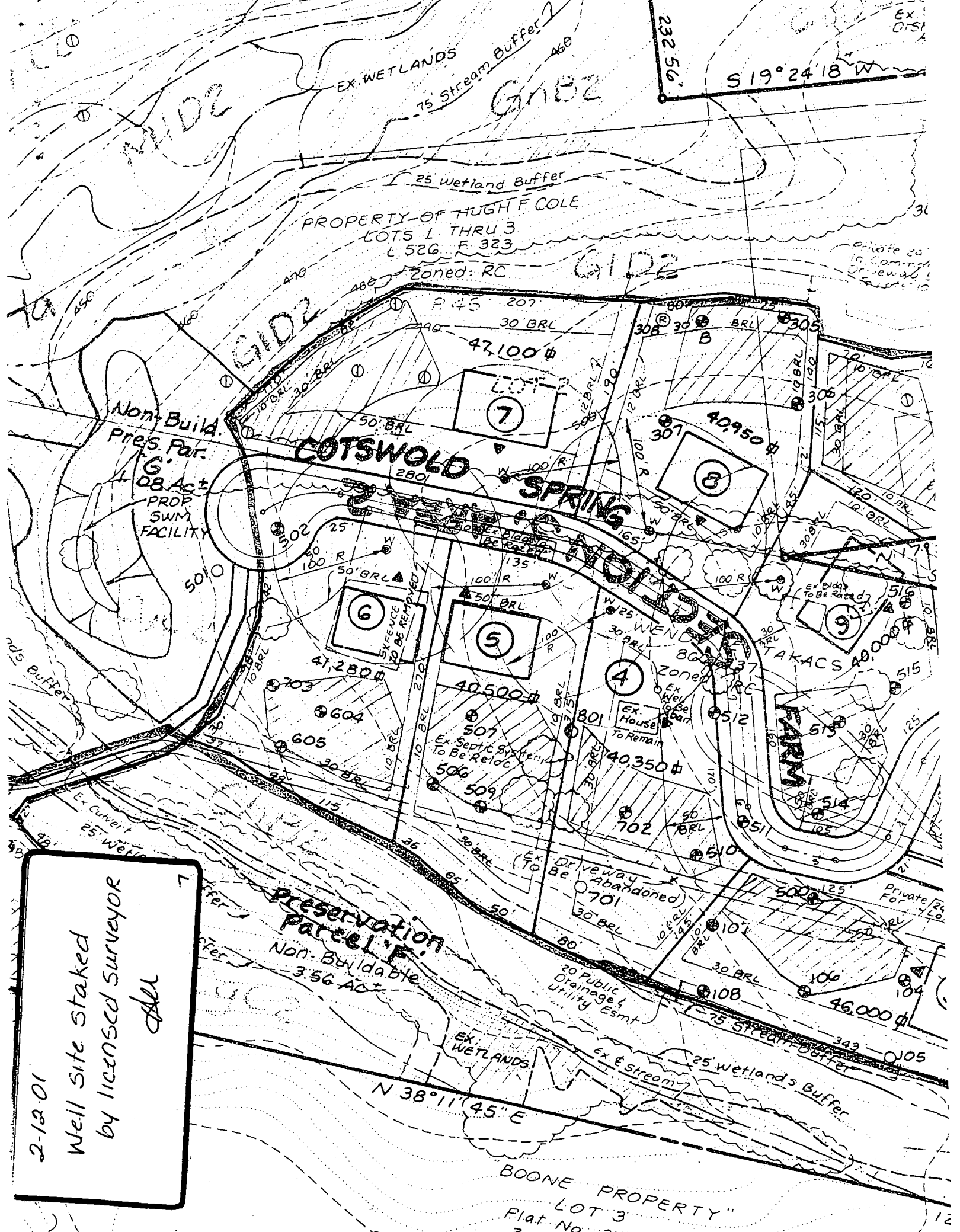
NOTE: The purpose of this plan revises the Sewage Disposal Easement due to construction of a proposed 15 foot addition to the existing dwelling located on Lot 20.

PLAT MODIFIED
F-01-73
ACCORDINGLY
MR 11/9/07

LEGEND

- 500- - EXISTING GROUND
- EXISTING TREES
- EXISTING SEWAGE DISPOSAL EASEMENT
- PROPOSED SEWAGE DISPOSAL EASEMENT
- EXISTING SEWAGE DISPOSAL ESMT. TO BE ABANDONED

LDE, INC. 9250 Rumsey Road, Suite 106, Columbia, MD. 21045 (410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)		
Designed: BDB	REVISED SEWAGE DISPOSAL EASEMENT RECONFIGURATION BRANTWOOD SECTION 3 AREA 2 LOT 20 3rd ELECTION DISTRICT HOWARD COUNTY, MD	Scale: 1" = 30'
Drawn: STB		Drawing: 1 of 1
Checked: BDB		Job No: 98-040.13
Date: 10/2001	Owner/Developer: BRANTWOOD LLC 8835-P Columbia 100 Parkway Columbia, MD 21045	File No.:



PROPERTY OF HUGH F. COLE
 LOTS 1 THRU 3
 L 526 F 323
 Zoned: RC

COTSWOLD SPRING

Non-Build.
 Pres. Par.
 6.08 Act
 PROP SWIM
 FACILITY

Preservation
 Parcel F.
 Non-Buildable
 3.56 Act

TAKACS FARM

BOONE PROPERTY
 LOT 3
 Plat No. 34

2-12-01
 Well site staked
 by licensed surveyor
 All

232.56'

S 19° 24' 18" W

N 38° 11' 45" E

Private 20
 in command
 Or new road
 10

Ex. Bldg
 To Be Razed

Ex. House
 To Remain

Ex. Driveway
 (To Be Abandoned)

Ex. Septic System
 To Be Reloc.

SIENCE
 TO BE REMOVED

nd's Buffer

Ex. Culvert
 25 Wetland

Private For. Lo.

20 Public
 Drainage &
 Utility Esmt

EX. WETLANDS

Ex. Stream

25 Wetlands Buffer

450

500

50

300

300

300

470

502

503

504

505

506

480

507

508

509

510

511

490

512

513

514

515

516

500

517

518

519

520

521

510

522

523

524

525

526

520

527

528

529

530

531

530

532

533

534

535

536

540

537

538

539

540

541

550

542

543

544

545

546

APPLICATION

ENVIRONMENTAL HEALTH DEPARTMENT

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 2/18/99

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:

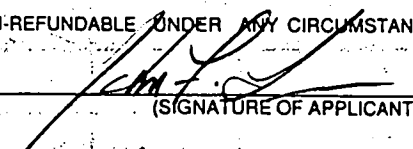
SUBDIVISION Brantwood Section Three LOT NO. 711

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
0' 514 512 500

dark orange brown siltclm
2.5 micaceous sandy loam 15% saprolite pink & orange mix
2.0

510 511

dark orange brown siltclm
5' grey from shale salm micaceous 30% shale
2.0

SOIL PROFILE

see Attached for Diagram

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3.3.99	515	Visual	to 12.0	—	see profile	1	OK
in lot 25 SA	513	3.0 V12.0	12.03	12:05	12:05	12:07	2min
in Future Roadway	512	3.5 V12.0	12:19	12:22	12:22	12:27	5min
in Future Roadway	511	Visual	to 12.0	—	see profile	—	OK
only peric on lot 20 SA	510	5.5' V12.0	11:00	1:10	1:10	1:35	25min
	514	Visual	to 12.0	—	see profile	—	OK
	500	4.0 V12.0	12:52	12:53	12:53	12:55	2min
in center of lot 20 SA	702	Visual to 12					OK
@ Garage lot 20 SA	801	AFTER	FILE REVIEW	TEST	NOTES NOT LOC.		
8/26/98	107v	13'	2'	cl	orange brn siltclm	10%	shale

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE
516 517 521 520

0.5
1.5
2.0
3.0
13.0

orange brown S1clm
orange brn Salm
lgt tan to lgt or S1salm micaceous 15% Saprillc

400 601 522 519

yellow brown S1clm
dark or Salm micaceous 20% shal

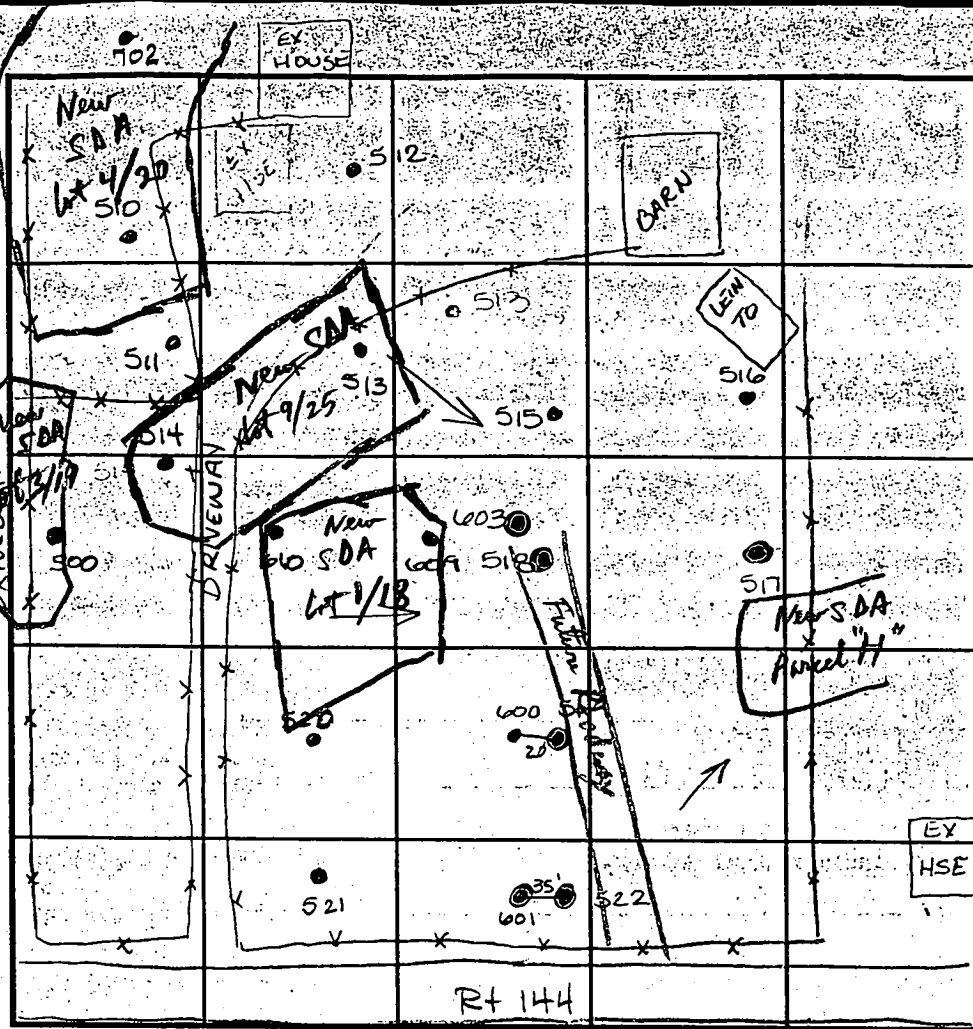
7.0
11.0

brn w Mg deposits 30% shale Salm

513

lgt or tan S1clm
lgt or brown to pink S1salm micaceous

2.0
2.0



SOIL PROFILE
603 518

0
6.0
11.0

brght red S1clm
40% Rv Salm Grey

PROFILE
603 518
dark red
brn

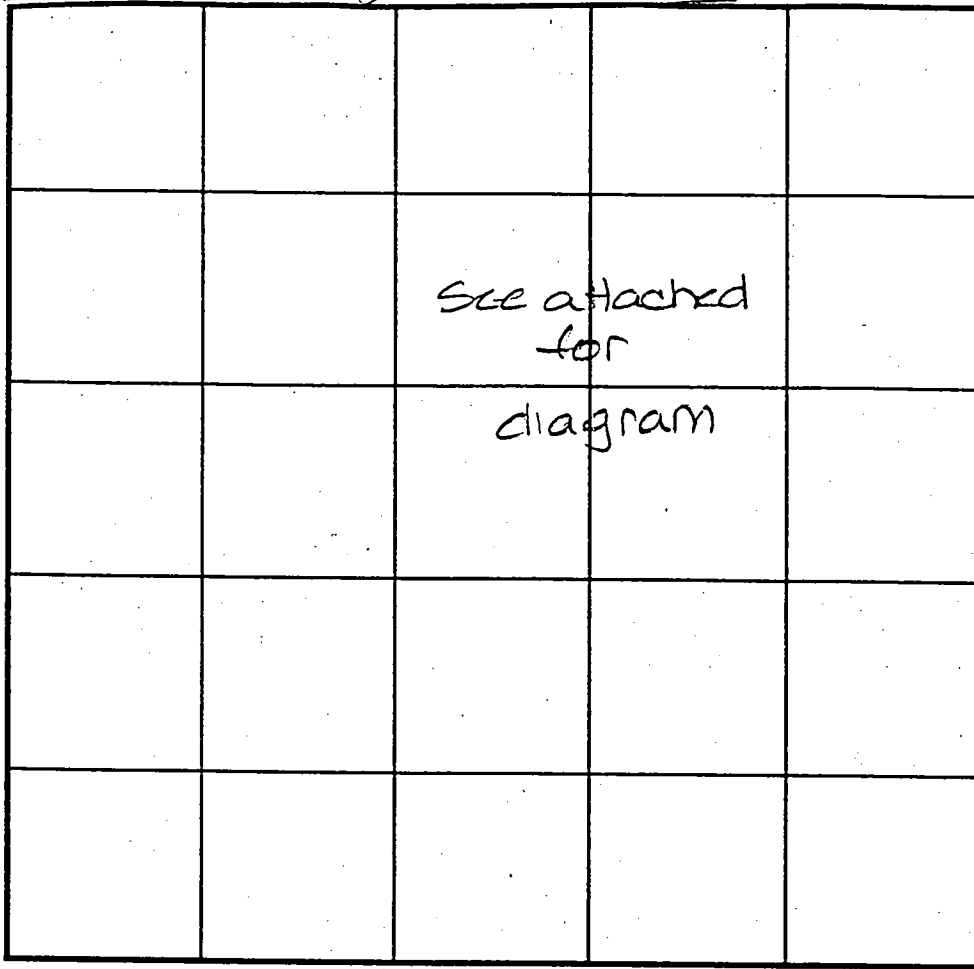
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-3-99	521	3.0' / V13.0	10:17	10:18	10:18	10:20	2min
	520	Visual to 13.0'	see profile		—		OK
	522	6.0' / V11.0	10:41	—	—	—	slow F
	519	6.0' / V11.0	10:46	—	—	—	slow F
	600	5.5' / V12.0	11:06	11:08	11:08	11:10	2min
	601	5.5' / V11.0	11:25	—	—	—	slow F
	518	6.0' / V11.0	11:20	—	—	—	slow F
	517	5.5' / V11.0	11:54	no mut @ 12:15	—	—	slow F
	603	5.5' / V12.0	11:46	no mut @ 12:04	—	—	slow F
	516	3.5' / V12.0	11:57	11:59	11:59	12:01	2min

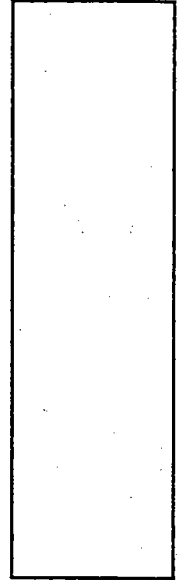
REMARKS In Red Test holes 519, 601, 522, 518, 517, 603 - Very deep clay - FAIL

TYPE OF SOIL _____
 TESTED BY Amy McMillen ALSO PRESENT Tim Feaga
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

Brantwood III



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3:31-99	609	Visual	to 12.0	- see profile	—	OK	
with 1/8" soil	610	4.0 112.0	11:06	11:08	11:08	11:11	3min
at center of lot	(702)	Visual	to 12.0	- see profile		OK	
	701	4.5	SLOW	PERC			
		12	FAIL	- CL of H ₂ O			

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

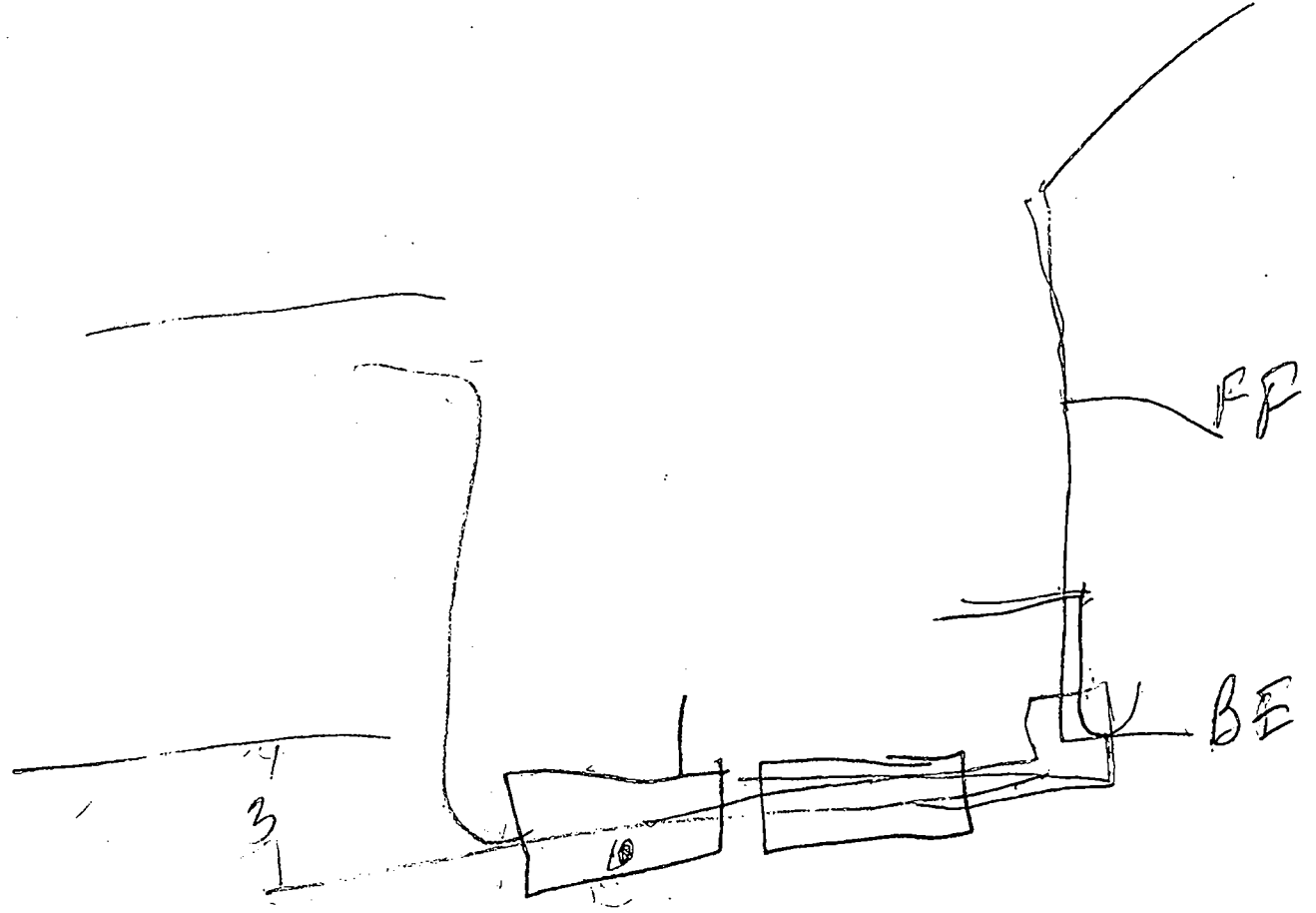
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

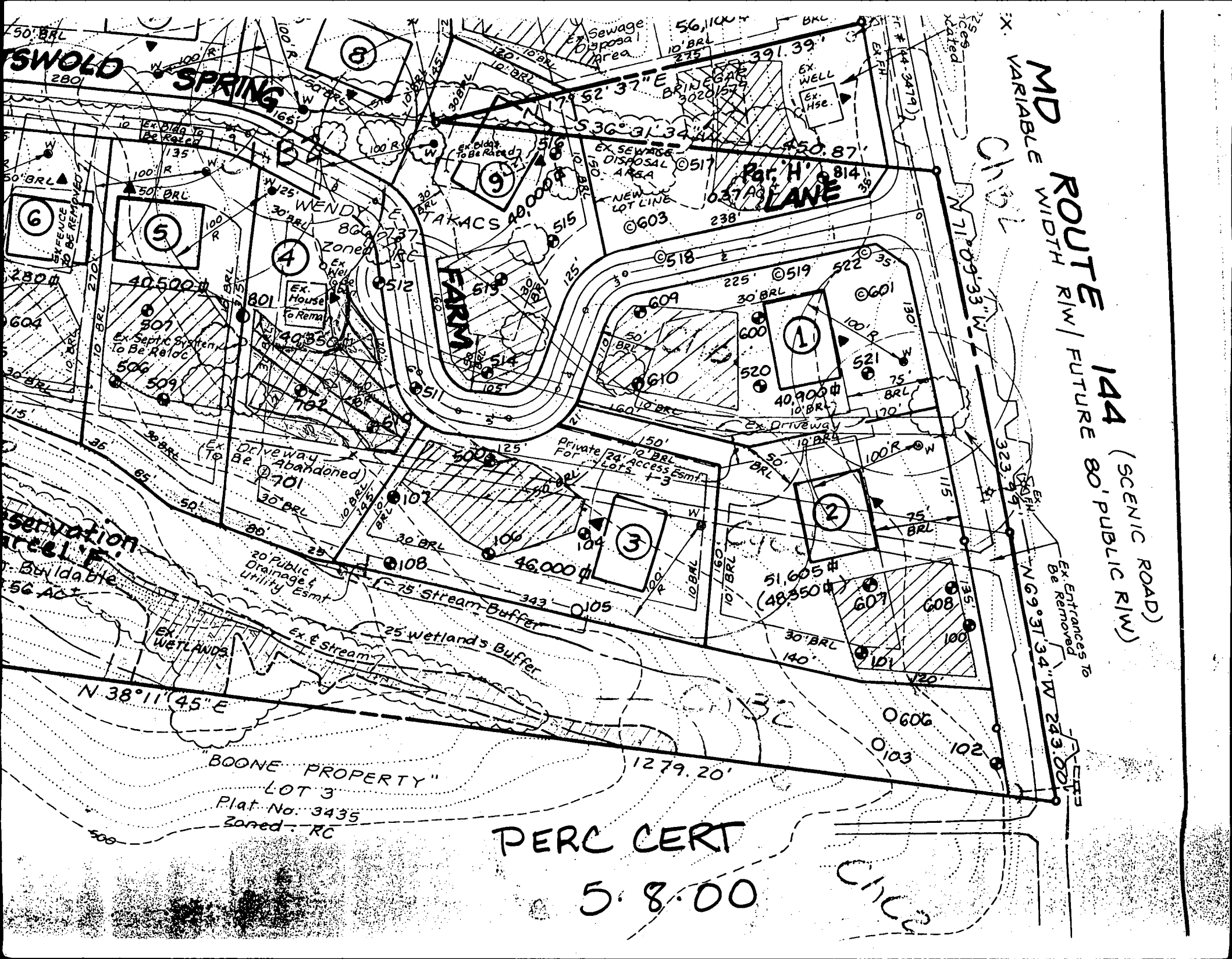
SOIL PROFILE
03 5100

SOIL PROFILE
03 5100
610
dark red
brn
micaceous
silclm
0
dark
gray
brn
micaceous
sal m
20% mica
saprophytic
gray
blk mica
bot H₂O

702
dark
red
brown
silclm
0
gray
brown
sal m
gray
from
mica
content
30%
micaceous
shale

701
dk.
red-brn
silclm 5
micaceous
brn sil m
8
dull gray
sal m
20% mica
mottled
from H₂O
12



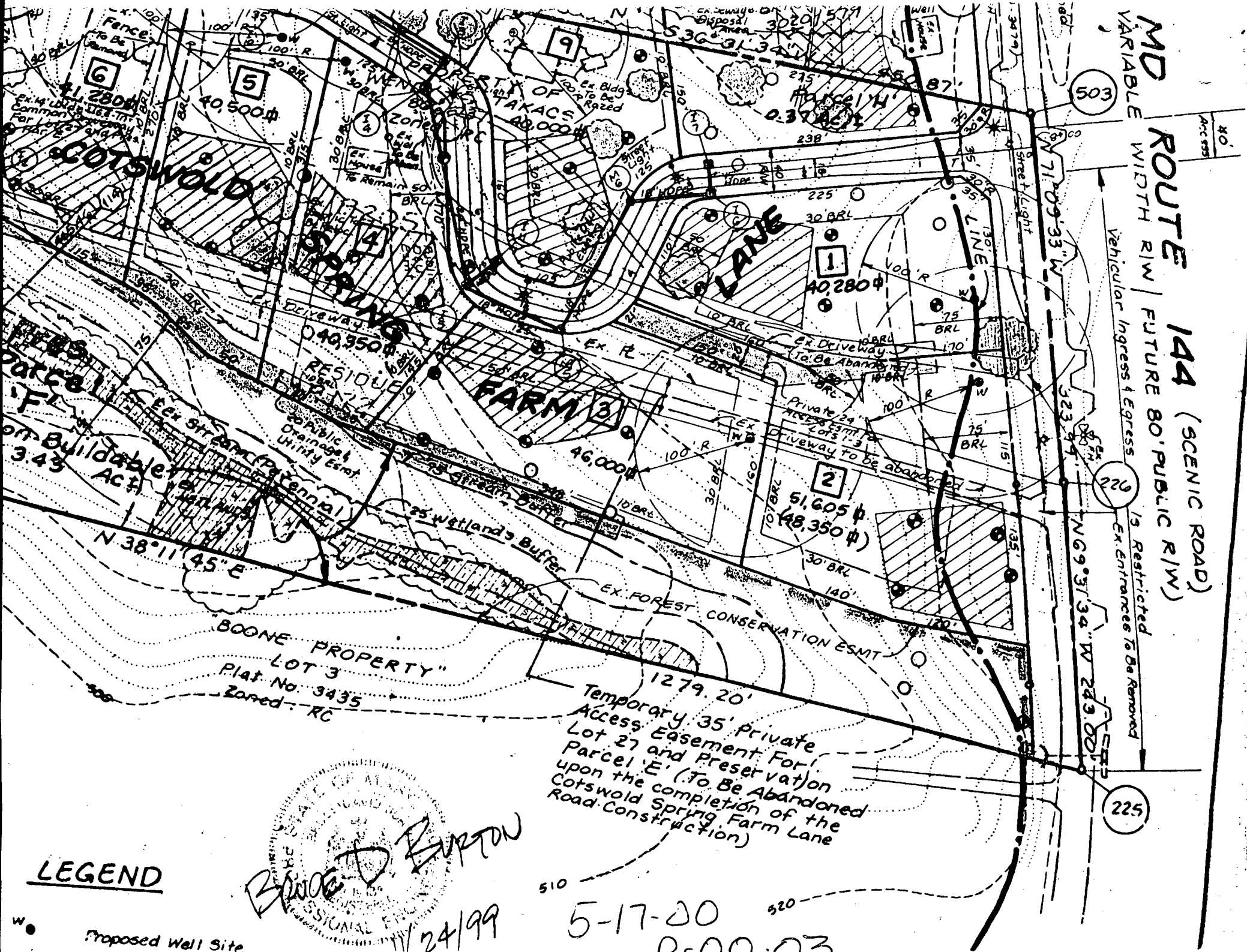


MD ROUTE 144 (SCENIC ROAD)
 VARIABLE WIDTH R/W / FUTURE 80' PUBLIC R/W

PERC CERT
 5.8.00

BOONE PROPERTY
 LOT 3
 Plat. No. 3435
 Zoned - RC

MD ROUTE 144 (SCENIC ROAD)
VARIABLE WIDTH R/W | FUTURE 80' PUBLIC R/W



503

226

225

Vehicle Ingress & Egress
 1/3 Restricted Ex. Entrances To Be Removed

1279.20'
 Temporary 35' Private Access Easement For Lot 27 and Preservation Parcel 'E' (To Be Abandoned upon the completion of the Road Construction of the Cotswold Spring Farm Lane)

"BOONE PROPERTY"
 LOT 3
 Plat No. 3435
 Zoned: RC

LEGEND

Proposed Well Site

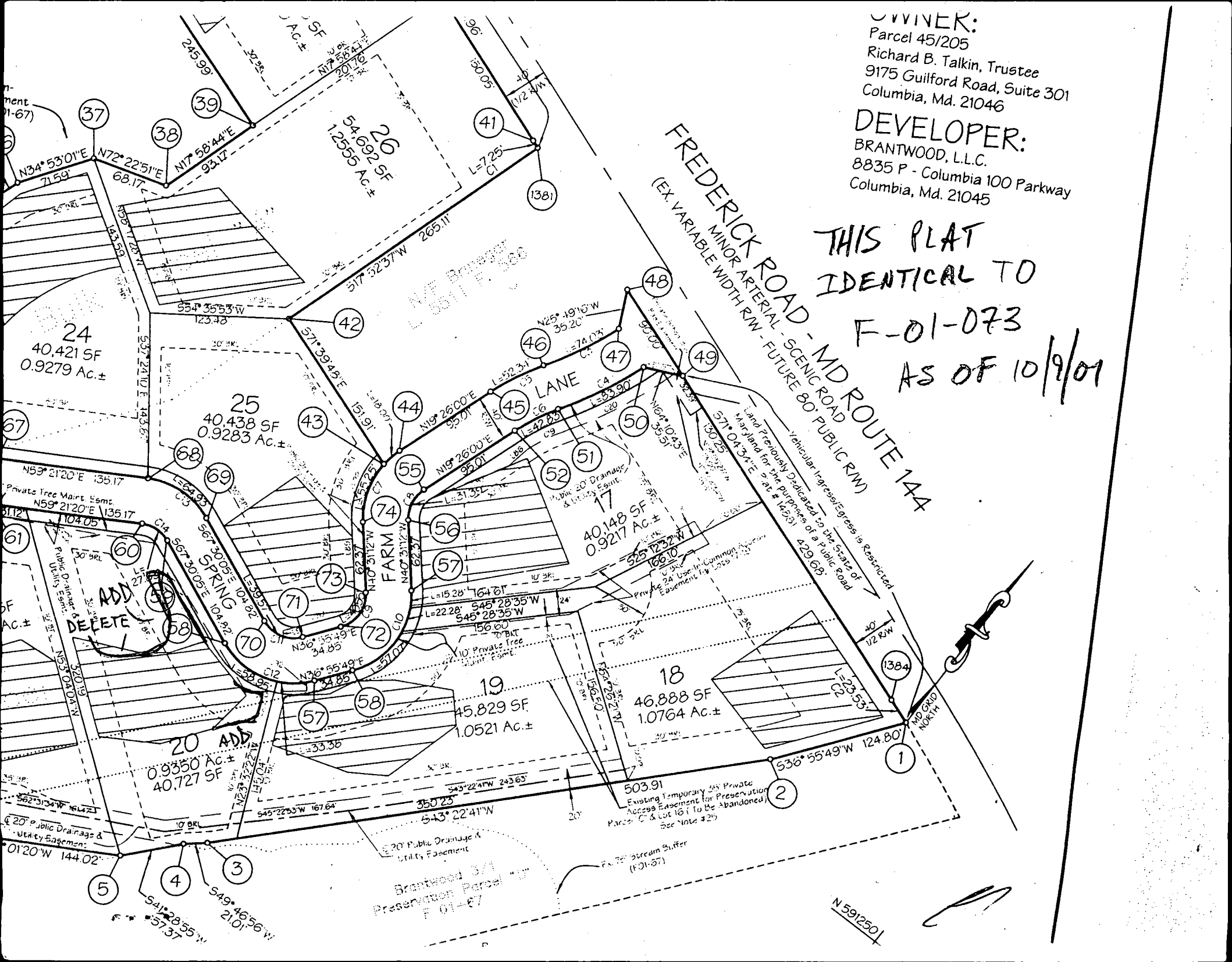
Bruce D. Burton
 PROFESSIONAL ENGINEER
 No. 24/99

5-17-00
 P-00-03

OWNER:
 Parcel 45/205
 Richard B. Talkin, Trustee
 9175 Guilford Road, Suite 301
 Columbia, Md. 21046

DEVELOPER:
 BRANTWOOD, L.L.C.
 8835 P - Columbia 100 Parkway
 Columbia, Md. 21045

**THIS PLAT
 IDENTICAL TO
 F-01-073
 AS OF 10/9/01**



FREDERICK ROAD - MD ROUTE 144
 (EX. VARIABLE WIDTH RW - FUTURE 80' PUBLIC RW)

MINOR ARTERIAL - SCENIC ROAD

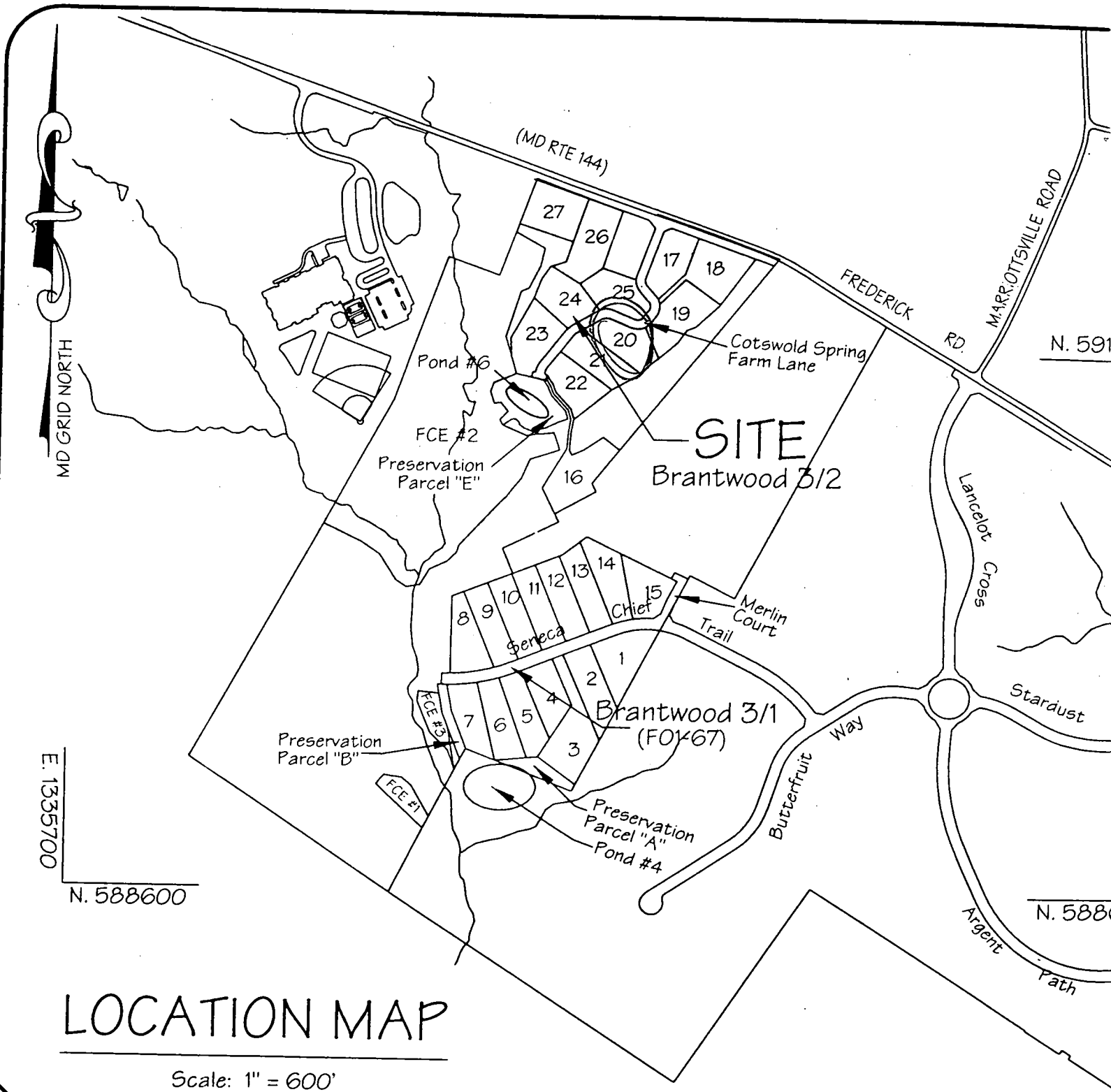
Land Previously Dedicated to the State of Maryland for the Purpose of a Public Road at # 14231, 429,68.

Vehicle Ingress/Egress is Restricted

Brantwood 3/1
 Preservation Parcel #1
 F 01-07

N 59/2501





LOCATION MAP

Scale: 1" = 600'

OWNER:
 Parcel 45/205
 Richard B. Talkin, Trustee
 9175 Guilford Road, Suite 301
 Columbia, Md. 21046

DEVELOPER:
 BRANTWOOD, L.L.C.
 8835 P - Columbia 100 Parkway
 Columbia, Md. 21045

The requirements of 3-108, The Real Property Article, Annotated Code of Maryland, 1988 replacement volume, (as supplemented) as far as they relate to the making of this plat and the setting of markers have been complied with.

D. Wayne Weller
 D. Wayne Weller MD No. 10685 Date

8/13/01

Richard B. Talkin TRUSTEE
 Richard B. Talkin, Trustee Date

59
 as shown on this
 odplains.
 Conservation Area")
 ny and all
 s herein reserved,
 Developer shall

4/6/83
9:30 A.M.

approved
4-6-83
C. Williams

PERMIT

P 32617
A REPAIR

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT _____

INDEX

DATE 3/28/83

Jenkins Brothers IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS Route 144, Ellicott City, Maryland 21043 PHONE 465-6646

SUBDIVISION _____ ROAD 11407 Frederick Road LOT 988-9126

PROPERTY OWNER Ms. Wendu Takacs

ADDRESS 11407 Frederick Road
Ellicott City, Maryland 21043

Now 11331 Cott. Spt. Farm Lane

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO _____

SEPTIC TANK CAPACITY _____ GALLONS NUMBER OF BEDROOMS 3

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN CAN RECOMMEND

REPAIR _____

REPLACE TANK.

- 60 FT DITCH. 6 FT STONE. 3'-9"

4/6/83 C. Williams

PLANS APPROVED BY Palmer F. Wine DATE 3/28/83

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA. OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

BUDG. PERMIT SIGNED
AND RETURNED 11/13/89

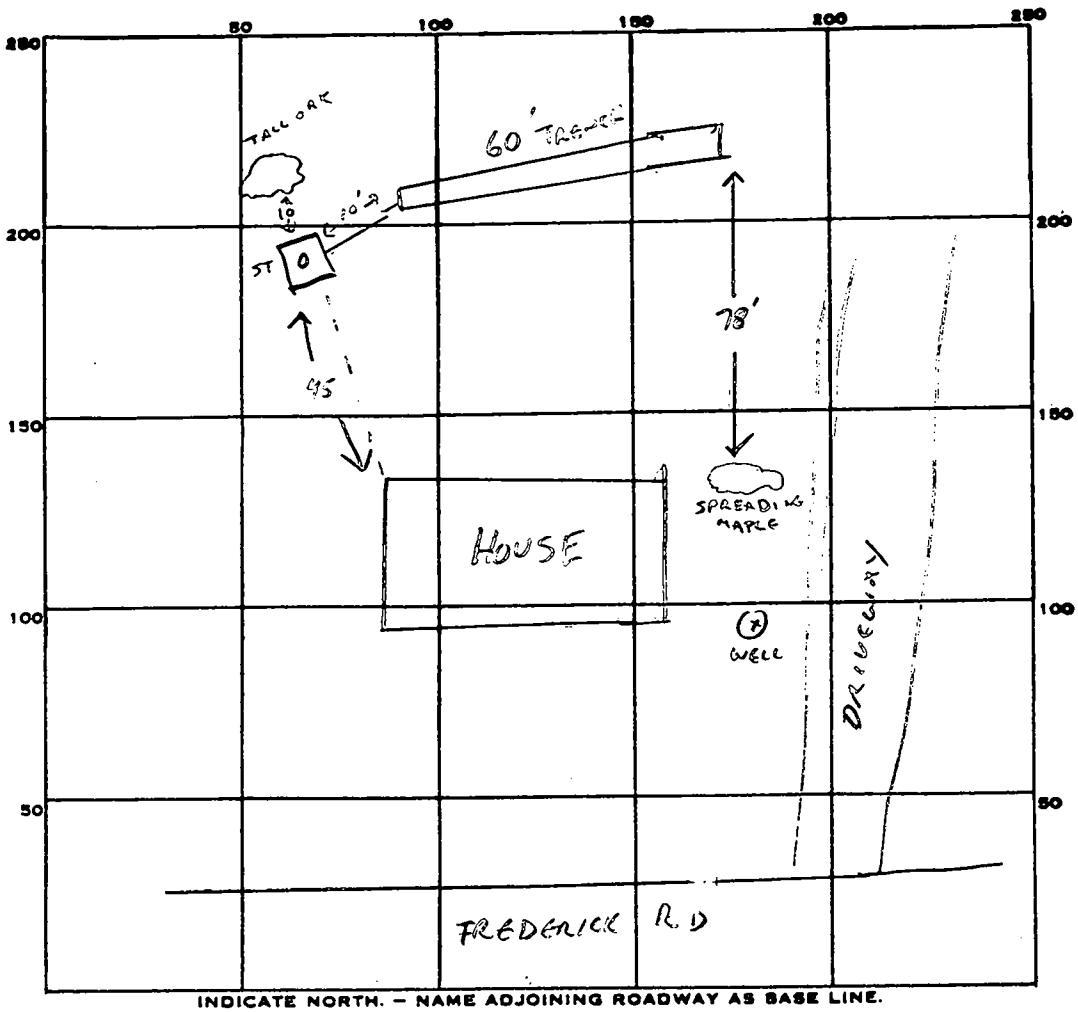
Serial # 30463
Storage/warehouse

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

Building EH - 2-1082

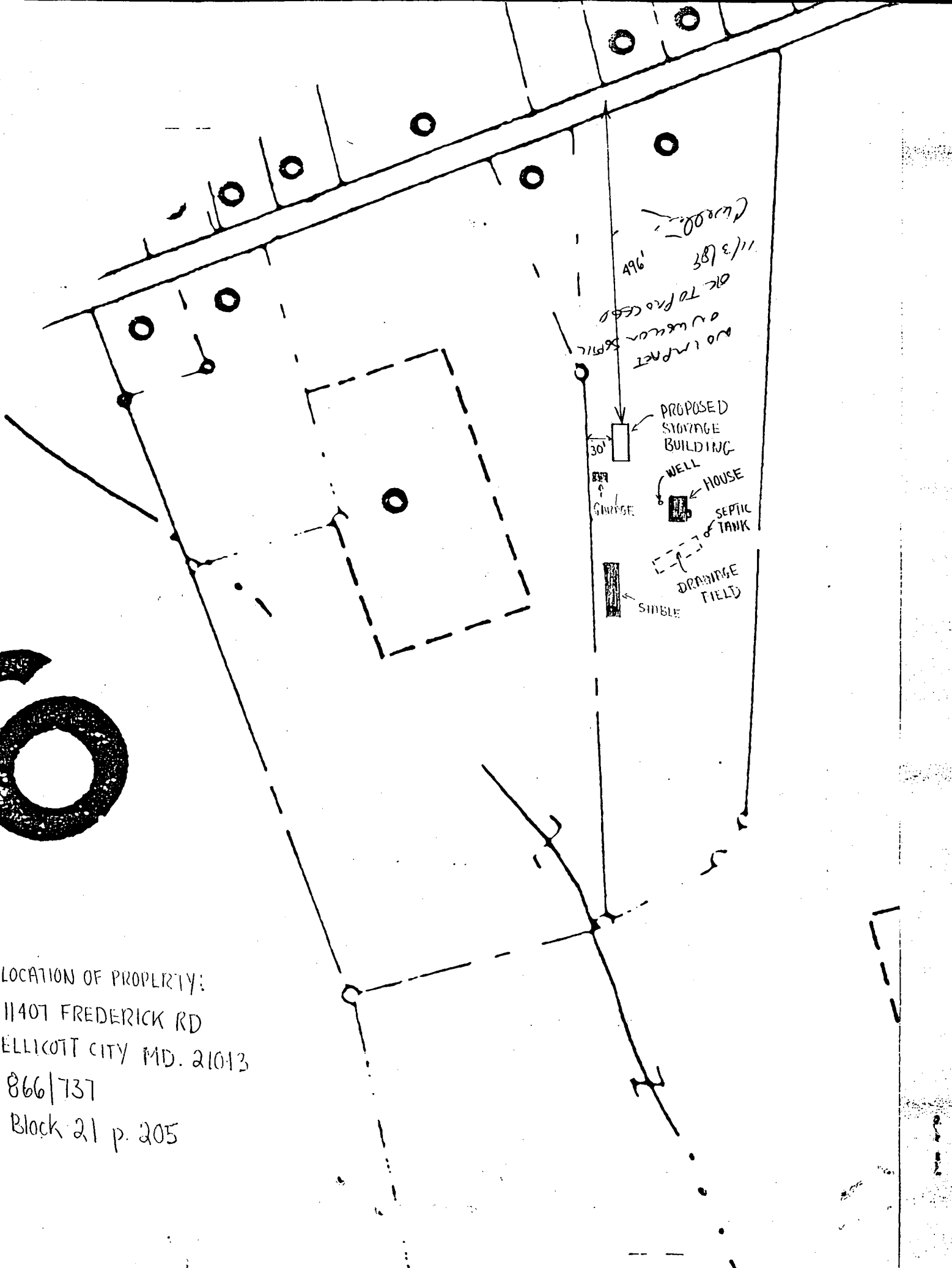
32617



PERMIT CARD ✓
 SEPTIC TANK, LEVEL ✓ CLEANOUTS ST ✓
 DISTRIBUTION BOX, LEVEL —
 TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 3 FT.
 GRAVEL DEPTH 6 FT ~~IN.~~ TOTAL LENGTH 60 FT.
 NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 360
 SEEPAGE PITS, INSIDE DIAMETER — FT. DEPTH BELOW INLET — FT.
 ABSORBENT AREA 360 SQ. FT.

REMARKS NEW TANK OK. TRENCH & GRAVEL OK. COVER ALL WORK. 4-6-83 CW

DATE SYSTEM APPROVED 4-6-83 INSPECTOR C. Williams



LOCATION OF PROPERTY:
 11407 FREDERICK RD
 ELLICOTT CITY MD. 21013
 866/737
 Block 21 p. 205