

LAYOUT 10/16/02 10:00 AM INSP 4 9/21/02 - 11:00 AM
 INSP 2 10/15/02 2pm INSP 5 _____
 INSP 3 10/18/02 2:30-3pm INSP 6 _____

ISSUE DATE: 9/20/2002
 APPROVAL DATE: 10/2/02

P 517926
 A 510572-A

PERMIT INDEXED

*RPS#
338681*

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, 21157 PHONE NUMBER: 410-875-4197

SUBDIVISION: Brantwood 3/2 LOT NUMBER: 17

ADDRESS: 11301 Cotswold Spring Farm Lane 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

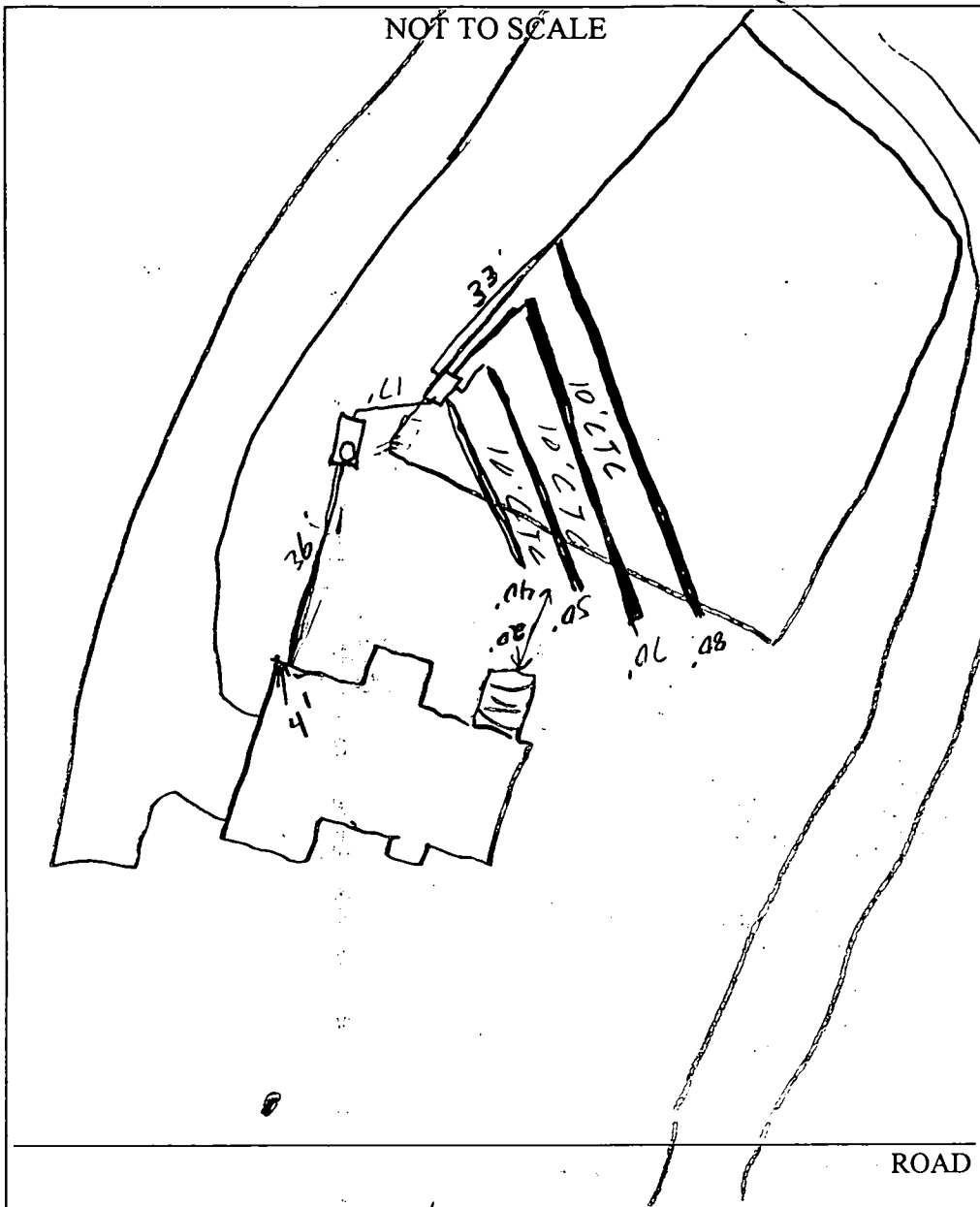
TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved building permit plan. <i>Install first trench 12' higher than shown on plan @ (12' closer to house).</i>
NOTES:	Plan submittal shows no basement service by gravity to septic tank. Install a 60/80/100/ long trench to contour as shown on the plan.

PLANS APPROVED: John A. Boris OK MR DATE: 7/10/2002

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

A 510572-A



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3.5	5.5
NUMBER OF TRENCHES	4	
TOTAL LENGTH	240	
ABSORPTION AREA	720 ft ²	
DISTRIBUTION BOX LEVEL	✓	
DISTRIBUTION BOX BAFFLE	✓	
DISTRIBUTION BOX PORT	NA	

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	10P
TANK LID DEPTH	1'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	Front
6" PORT LOC	—
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	—
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	NA
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—

PRE-CONSTRUCTION 10/11/02 Lot stake, contour not as shown. Trenches will be more perpendicular to house. Install 40'/50'/70'/80' trenches 10' C.T.C. (SD)

INSTALLATION 10/15/02 Trenches laid out, waiting on tank. OK to cover tank w/ heavy rains coming (SD) 10/16/02 3 trenches install, OK to cover (SD) 10/20/02 OK to cover all work (SD)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 10/20/02

SEWAGE SYSTEM DESIGN DATA / LOT 17:

- Invert at foundation wall: 515.00 First Floor Service Only (Wall Hung with Interior Pump Pit for Basement Services)
- 1500 Gallon Septic Tank (4 Bedrooms)
Provide Manhole to Finished Grade
A. Ex. Ground Over Tank: 516.80
B. Prop. Grade Over Tank: 516.80
C. Invert In: 514.10
D. Invert Out: 513.80
- Distribution Box: (Provide 4 Outlets Minimum)
A. Ex. Ground Over Box: 516.70
B. Prop. Grade Over Box: 516.70
C. Invert In: 513.20
- Trench Design: 60 LF/Bedm. X 4 Bedm. = 240 LF

	A	B	C	D
Ex. Ground	516.40	516.15	515.90	515.70
Over Trench:	516.40	516.15	515.90	515.70
Inv. Trench:	512.90	512.65	512.40	512.20
Botm. Trench:	510.90	510.65	510.40	510.20
Trench Length:	30 Ft.	55 Ft.	75 Ft.	80 Ft.
Trench Width:	3 Ft.	3 Ft.	3 Ft.	3 Ft.

NOTE: TRENCH DESIGN MAY BE REVISED AT TIME OF INSTALLATION BASED ON SITE CONDITIONS.

SEWAGE SYSTEM DESIGN DATA / LOT 18:

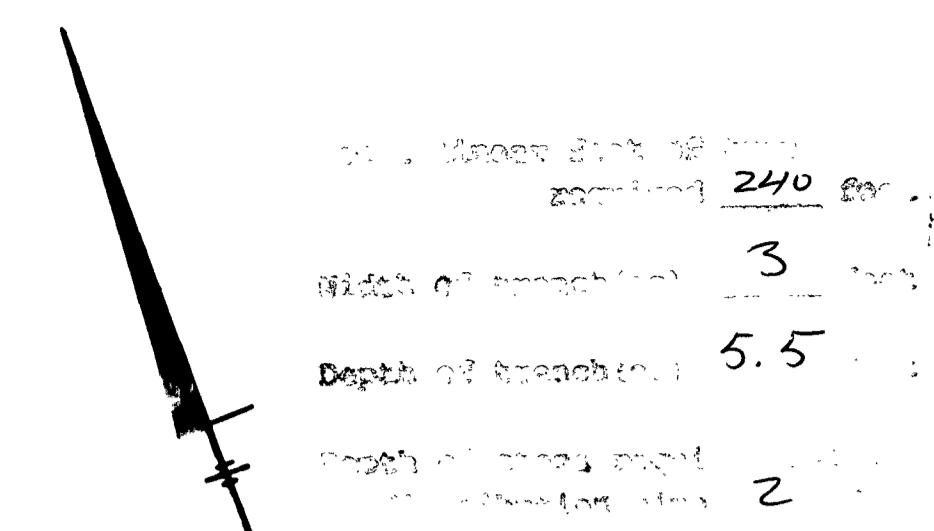
- Invert at foundation wall: 509.60 (Basement Service)
- 1500 Gallon Septic Tank (4 Bedrooms)
Provide Manhole to Finished Grade
A. Ex. Ground Over Tank: 512.20
B. Prop. Grade Over Tank: 512.00
C. Invert In: 509.40
D. Invert Out: 509.10
- 1000 Gallon Pump Pit
A. Ex. Ground over Pit: 512.00
B. Prop. Grade over Pit: 512.00
C. Invert In: 509.00
D. Invert Out: 509.50
- Distribution Box: (Provide 3 Outlets Minimum)
A. Ex. Ground Over Box: 522.00
B. Prop. Grade Over Box: 522.00
C. Invert in: 519.00
- Trench Design: 60 LF/Bedm. X 4 Bedm. = 240 LF

	A	B	C
Ex. Ground	521.70	520.85	520.00
Over Trench:	518.70	517.85	517.00
Inv. Trench:	516.70	515.85	515.00
Botm. Trench:	516.70	515.85	515.00
Trench Length:	80 Ft.	80 Ft.	80 Ft.
Trench Width:	3 Ft.	3 Ft.	3 Ft.

NOTE: TRENCH DESIGN MAY BE REVISED AT TIME OF INSTALLATION BASED ON SITE CONDITIONS.

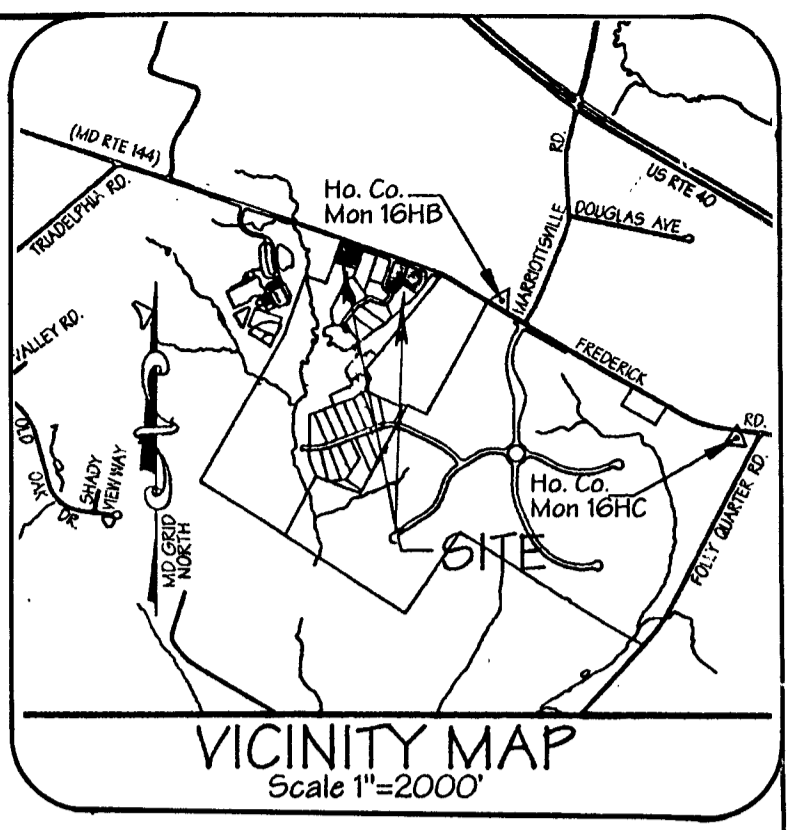
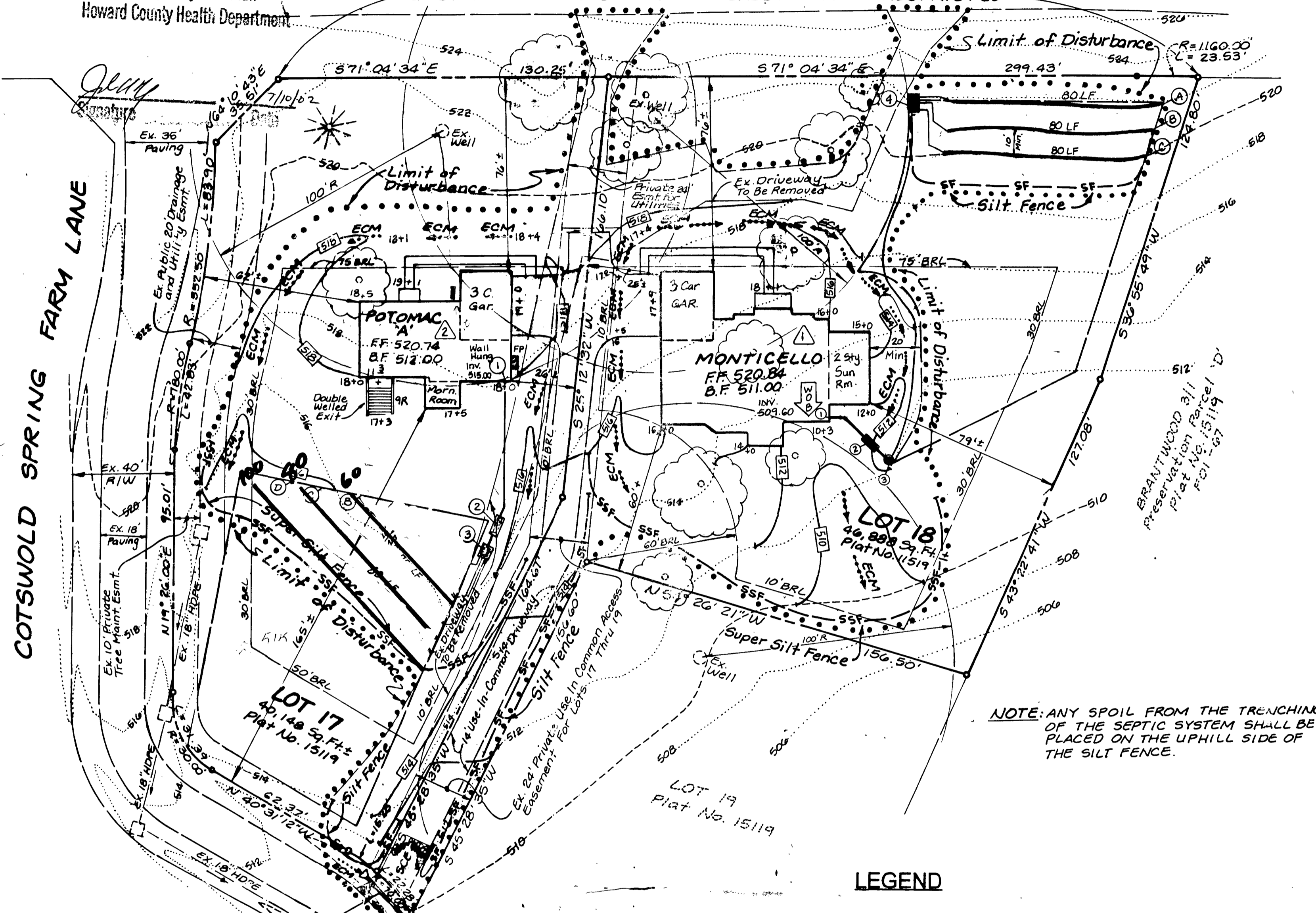
NOTES: / LOT 18

- THE PROPOSED SEPTIC SYSTEM FOR THIS LOT REQUIRES A PUMP.
- PUMP CHAMBER TO BE A MINIMUM 1000 GALLON TOP SEALED PUMP PIT WITH SINGLE EFFLUENT PUMP. PUMP SHALL BE EQUIPPED WITH AUDIBLE AND VISUAL ALARM SYSTEM FOR HIGH WATER AND PUMP MALFUNCTION. ALARM SYSTEM SHALL BE INSTALLED ON A SEPARATE ELECTRICAL CIRCUIT. INSTALL CHECK VALVES AS REQUIRED.
- PROVIDE MANHOLE CLEANOUT TO FINISHED GRADE AT PROPOSED SEPTIC TANK AND THE PUMP CHAMBER.
- DETAILS AND SPECIFICATIONS OF THE PROPOSED PUMP WITHIN THE PUMP PIT TO BE SUPPLIED BY THE CONTRACTOR FOR REVIEW AND APPROVAL BY THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO ISSUANCE OF A SEPTIC PERMIT.



FREDERICK ROAD - MD RTE. 144

Approved Septic System Plan
Howard County Health Department



NOTES:

- EXISTING ZONING: RC (RURAL CONSERVATION)
- PLAT REFERENCE: 15119
- LIMIT OF DISTURBANCE: 1.86 Ac. ±
- THE PROPOSED DRIVEWAY FOR THESE LOTS SHALL BE A MINIMUM OF 10 FEET WIDE, 6" CRUSHER RUN WITH 2 1/2" MACADAM SURFACE.
- THE TOPOGRAPHY SHOWN IS FIELD RUN BY LDE, INC.
- SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT	1 DAY
2. NOTIFY THE HOWARD COUNTY DEPT. OF INSPECTIONS, LICENSES AND PERMITS AT LEAST 24 HOURS PRIOR TO STARTING WORK.	1 DAY
3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE.	1 DAY
4. INSTALL SILT FENCE AT LIMIT OF DISTURBANCE SHOWN HEREON. INSTALL AND COMPLETE USE-IN-COMMON DRIVEWAY PRIOR TO GRADING THE LOTS.	3 DAYS
5. CLEAR AND GRUB SITE TO SUBGRADE.	5 DAYS
6. BEGIN EXCAVATION FOR HOUSE FOUNDATIONS AND BEGIN HOUSE CONSTRUCTION. INSTALL SEPTIC SYSTEM	60 DAYS
7. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON AFTER EACH RAINFALL AND ON A DAILY BASIS.	DAILY
8. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STABILIZED CONSTRUCTION ENTRANCE AS REQUIRED.	MAINTENANCE
9. FINE GRADE AND STABILIZE WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH. INSTALL INDIVIDUAL DRIVEWAY AND HOUSE WALK.	5 DAYS
10. WITH PERMISSION FROM THE SEDIMENT CONTROL REMOVE ALL SEDIMENT AND EROSION CONTROL MEASURES AND STABILIZE ANY REMAINING DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.	5 DAYS
TOTAL TIME:	84 DAYS

LEGEND

- 520 --- EXISTING GROUND
- 520 — PROPOSED GRADE
- ⊙ EXISTING WELL
- DRAINAGE FLOW
- SF --- SUPER SILT FENCE
- LIMIT OF DISTURBANCE
- SF — SF — SILT FENCE
- ⊙ EX. TREE TO REMAIN
- [SCE] STABILIZED CONSTRUCTION ENTRANCE
- ECM EROSION CONTROL MATTING

STABILIZED CONSTRUCTION ENTRANCE (R.G.06) WITH DRIVEWAY CULVERT (SEE DETAIL AND PROFILE) (SHEET 2 OF 3) PROVIDE 10 LF OF EROSION CONTROL MATTING ABOVE AND BELOW CULVERT INVERT

STANDARD DRIVEWAY ENTRANCE (R.G.06) WITH DRIVEWAY CULVERT (SEE DETAIL AND PROFILE SHT. 2 OF 3)

NOTE: ANY SPOIL FROM THE TRENCHING OF THE SEPTIC SYSTEM SHALL BE PLACED ON THE UPHILL SIDE OF THE SILT FENCE.

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Bruce D. Sullivan 3/07/02
SIGNATURE OF ENGINEER DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.

Jim M. ... 3/8/02
DATE

DEVELOPER'S CERTIFICATE

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEING ON THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT ON THEIR AUTHORIZED AGENTS AS ARE REQUIRED.

John ... 3/11/02
SIGNATURE OF DEVELOPER DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

John ... 3/8/02
DATE

No.	BY	DATE	DESCRIPTION
1	LDE	6/25/02	LOT 17 - Potomac 'A'
2	LDE	6/25/02	LOT 18 - Monticello / Revise Septic Esmt.

No.	STREET ADDRESS
27	11340 Cotswold Spring Farm Lane
18	11311 Cotswold Spring Farm Lane
17	11301 Cotswold Spring Farm Lane

LDE, INC.
9250 Rumsey Road, Suite 106, Columbia, MD. 21045
(410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)

DESIGNED: BDB	GRADING and SEDIMENT CONTROL PLAN	SCALE: 1" = 30'
DRAWN: KBW	BRANTWOOD SECTION 3 AREA 2 LOTS 17, 18 and 27	DRAWING: 1 OF 3
CHECKED: BDB	TAX MAP 16 GRID 21 PLO PARCEL 205 3RD ELECTION DISTRICT HOWARD CO., MD Previous Submittals: WP90-96, F90-128, WP99-55, WP00-55, P00-03, P00-04, FOI-07, FOI-73, 899-09	JOB No. 02-007
DATE: 2/02	BUILDER: NV HOMES 2200 DEFENSE HIGHWAY SUITE 301 CROFTON, MD	FILE No. GP02-97

PROPERTY KNOWN AS:

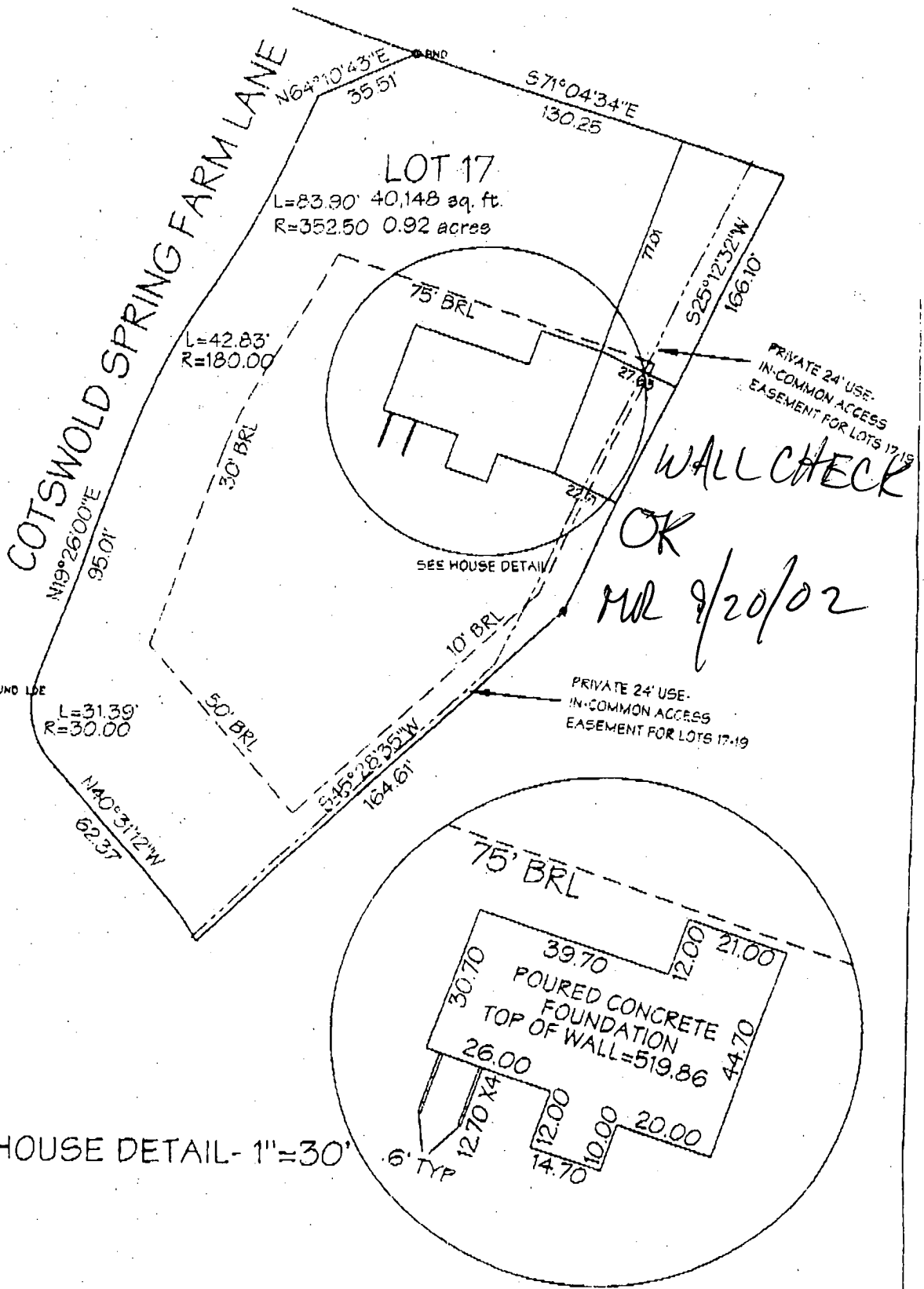
LOT 17

BRANTWOOD SECTION 3 AREA 2

PLAT NUMBER 15119

HOWARD COUNTY MARYLAND

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



LOCATION DRAWING

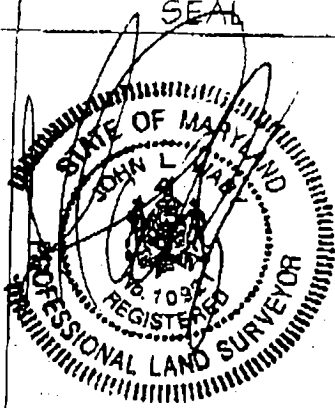
CERTIFICATION

This is to certify that I have surveyed the property known as:

LOT 17

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.

SEAL



SCALE 1" = 50' | DATE 09-04-02

LDE Inc.
Engineers, Surveyors, Planners

9250 Rumsey Road, Suite 106
Columbia, Maryland - 21045
(410) 715-1070 - (410) 715-9540 Fax

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Vansant Plumbing Telephone #: 301-889-0444
Address: 3 W Main St
MD 21771

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Harold Vansant License# 1467
*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: W. James Telephone #: 301-858-0522
Subdivision: Brentwood Sec 3 Lot #: 17 Well Tag #: HO-94-2982
Site Address: 11301 Colwood Spring Farm Lane
Ellicott City, MD 21043

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Goulds Make: Cumpro Two piece watertight cap:
Model #: 6SP100a Model#: 510X Screened, vented well cap:
Pump Capacity _____ GPM Depth: 42 (36" min) Cap secured to casing:
Well Yield: _____ GPM NSF approved: Yes Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: 380 (feet) Conduit secured to well cap:
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt _____

Piping to house House Connection
Type: Polyethylene PVC sleeved to undisturbed soil at wall penetration: 15
PSI: 200 (160 psi min) Approximate length of sleeve: 15
Depth of supply line: 12 (36" min) Sleeve caulked and sealed properly: yes

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Harold Vansant date: 10/17/02

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 10/18/02 10/4/02 Date Insp. Approved: 10/4/02 50 SRK
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

C1 1617

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. OK SRK 6/9/01

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 5 15 2001

Depth of Well 345 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" No 94-2980

OWNER Brantwood LLC STREET OR RFD Catowald Spring Farm Lane TOWN West Friendship SUBDIVISION Brantwood SECTION 3 Area 2 LOT 17

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Sand and Gray Mica Rock.

GROUTING RECORD form with fields for GROUTING MATERIAL (CEMENT, BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for CASING TYPE (STEEL, CONCRETE, PLASTIC, OTHER), MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) form with fields for diameter, depth.

SCREEN RECORD form with fields for screen type or open hole, SCREEN TYPE (STEEL, BRASS, BRONZE, PLASTIC, OPEN HOLE, OTHER), DEPTH (nearest ft.).

PUMPING TEST form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED.

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED form with YES/NO options.

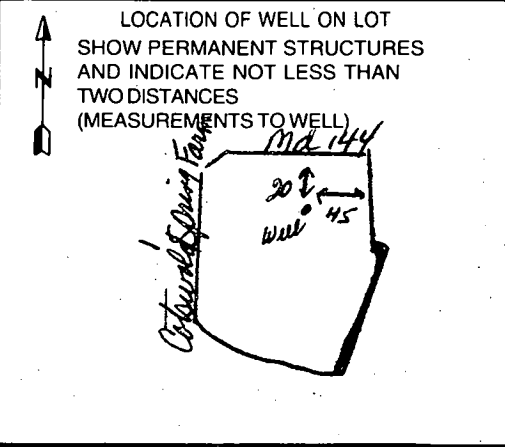
CIRCLE APPROPRIATE LETTER form with options A, E, P.

DRILLERS LIC. NO. MSD024, DRILLERS SIGNATURE, LIC. NO. D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with columns 1-26 and values 49, 345.

GRAVEL PACK, MDE USE ONLY, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.



B 1 03700

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2982

W514919 please print or type

Date Received (APA) 2/6/01

OWNER INFORMATION

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

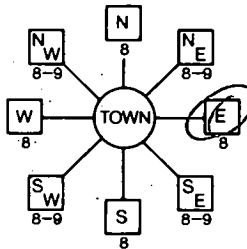
LOCATION OF WELL

Howard Brantwood West Friendship 3 1/2 miles from town

DRILLER INFORMATION

Joseph L. Mayre MS D024 Joseph L. Mayre Well Drilling 5512 Ridge Rd Mt. Airy Md 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Cotswold Spring Faml. Co. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) EAST 100 FT

WELL INFORMATION APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation (circled) Farming, Industrial, 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 2/12/02

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTary (circled) JETTED 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 (circled) 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

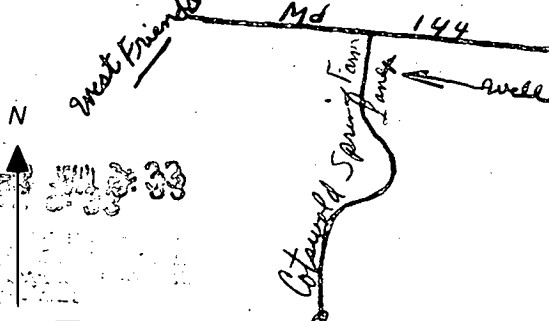
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- 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



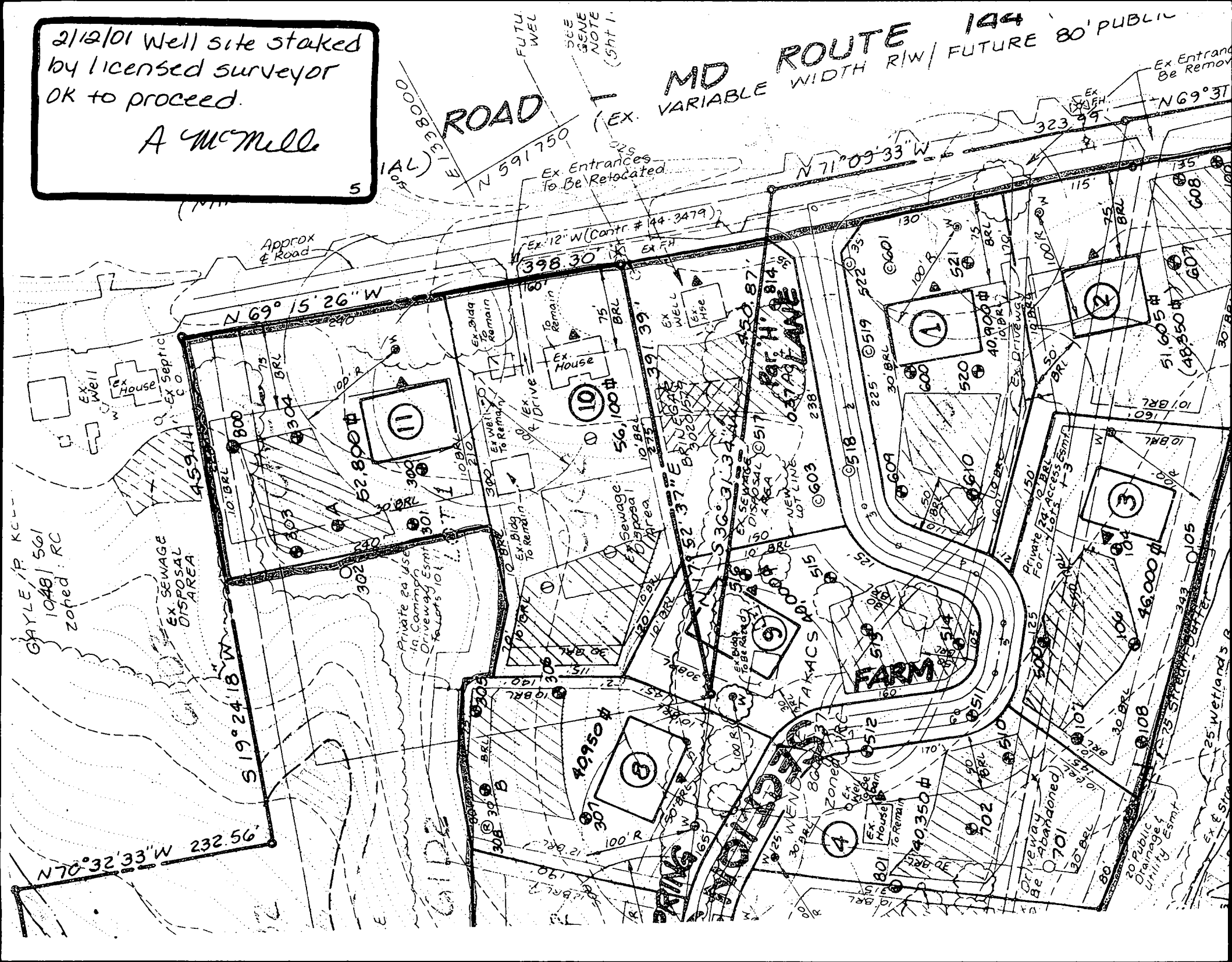
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER HO 98 GAP C9003 PERMIT No. HO-94-2982

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

2/12/01 Well site staked
 by licensed surveyor
 OK to proceed.
 A McMull



DOOBEE
 ROAD
 N 59° 17' 50\"/>

MD ROUTE 144
 VARIABLE WIDTH RW / FUTURE 80' PUBLIC

GAYLE / P. K.C.
 1048 / 561
 zoned: RC

EX. SEWAGE
 DISPOSAL
 AREA

Private ea use
 in Camp
 Driveway Esmt
 to Lots 10, 11

FARM

25 Wetlands
 Ex & Str

N 70° 32' 33\"/>
 232.56'

S 19° 24' 18\"/>
 W

N 69° 15' 26\"/>
 W

Ex Entrances
 To Be Relocated

Ex 12' W (Contr. # 44-3479)

Ex House

Ex Well

Ex Sewage

Ex House

Ex Well

Ex Sewage

Ex House

Ex Well

Ex Sewage

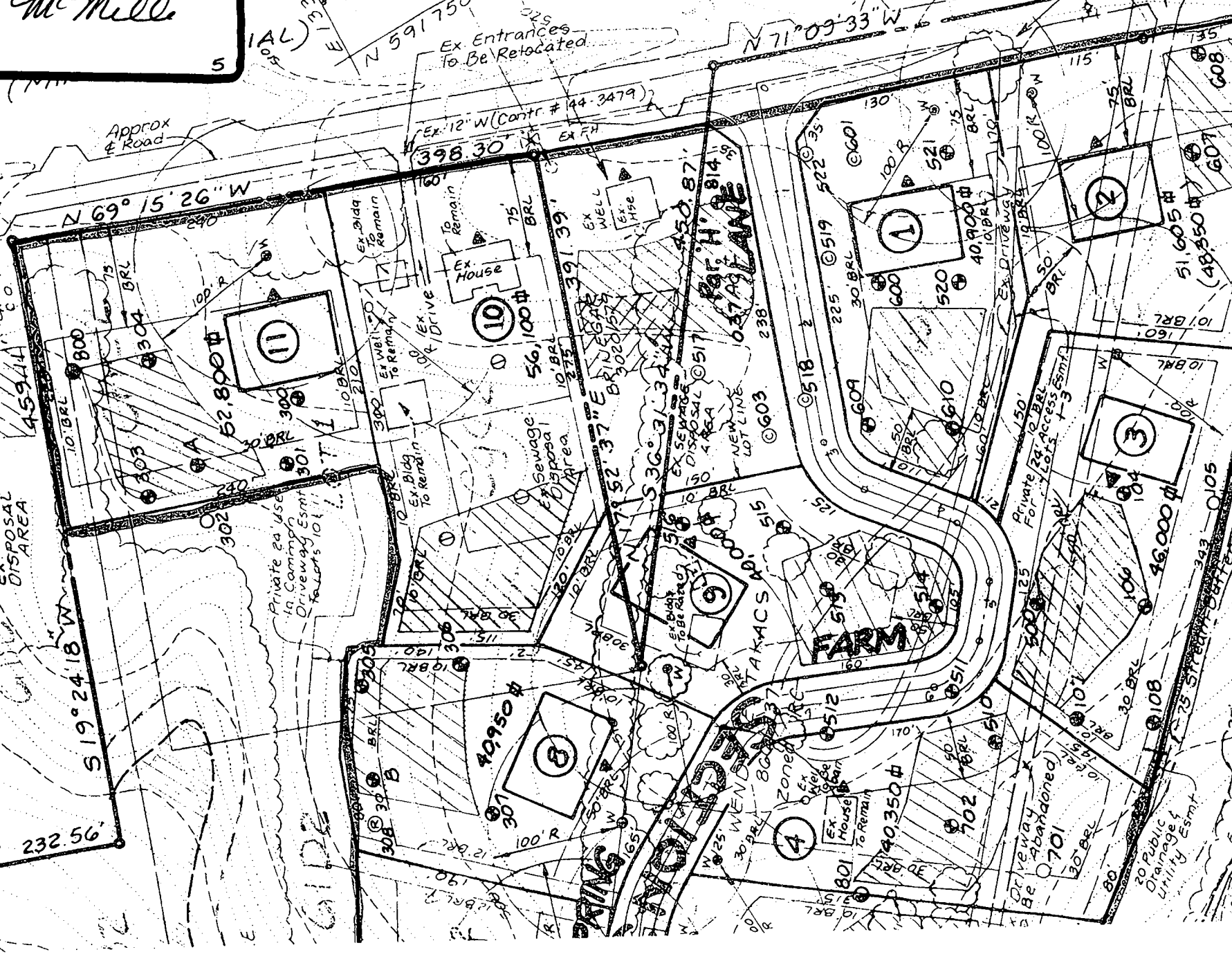
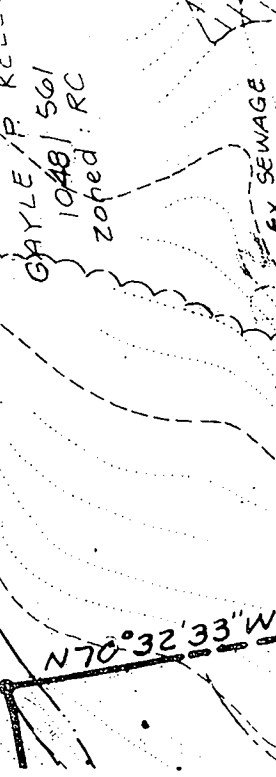
Ex House

Ex Well

Ex Sewage

Ex House

Ex Well



Ex Entrance
 Be Remove

N 69° 31'

323.99'

N 71° 09' 33\"/>
 W

115'

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

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 2/18/99

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:

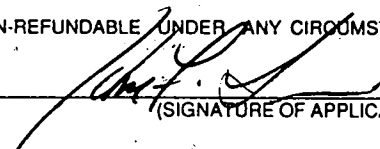
SUBDIVISION Brantwood Section Three LOT NO. 217

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 #

516 SOIL PROFILE
515 517 521 520

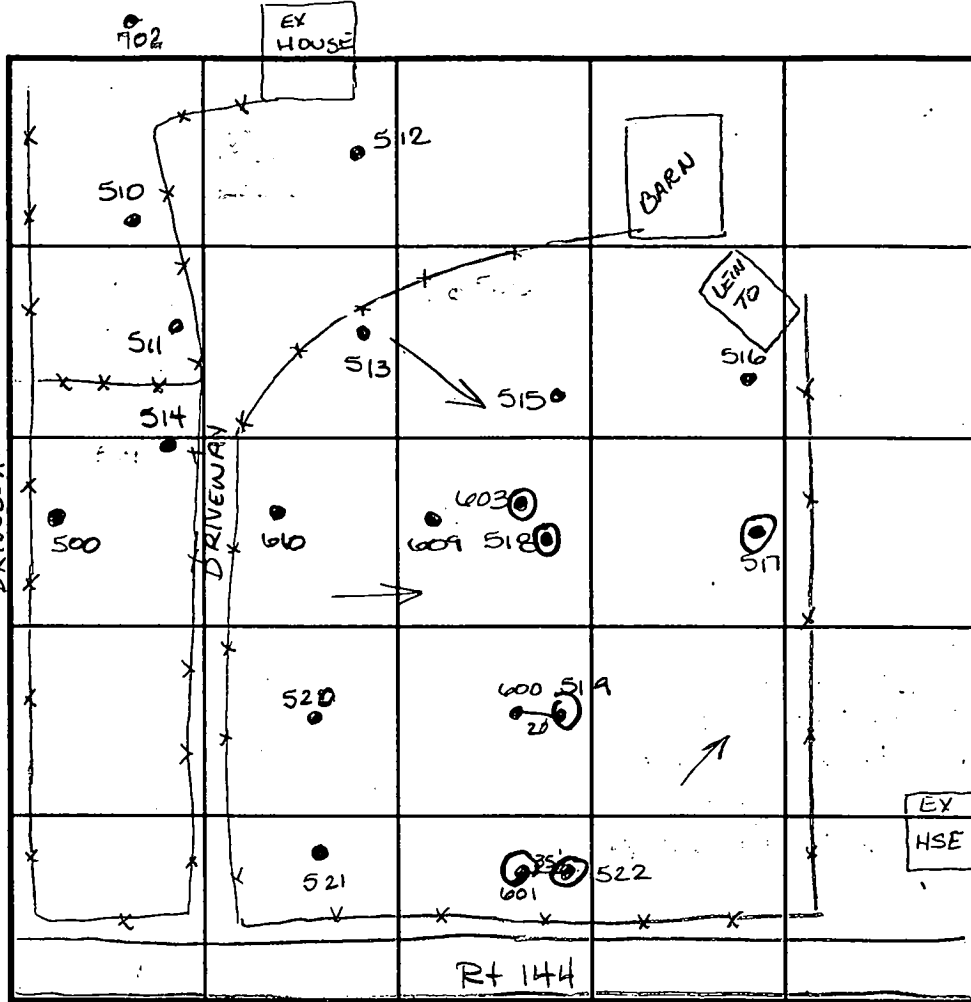
0' orange brown SiClM
2.0 orange brn Salm
3.0 lgt tan to lgt br SiSalm micaceous 15% saponite

600 601 522 519

3.5 yellow brown SiClM
7.0 dark br Salm micaceous 20% shale
11.0 lgt tan micaceous 30% shale Salm

12.0 lgt or brown to pink SiSalm micaceous

513
lgt or tan SiClM
2.0 lgt or brown to pink SiSalm micaceous
12.0



SOIL PROFILE
0' 603 518

0' bright red SiClM
6.0 40% R_x Salm grey
11.0

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	10:19	10:19	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 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

COUNTY # _____

SOIL PROFILE

0' 609 610

dark red
brn
micaceous
SiCLm

4.0

dark
grey
brn
micaceous
SaLm
20% mica
saprolite
grey fm
blk mica
bot H₂O

12.0

702

dark
red
brown
SiCLm

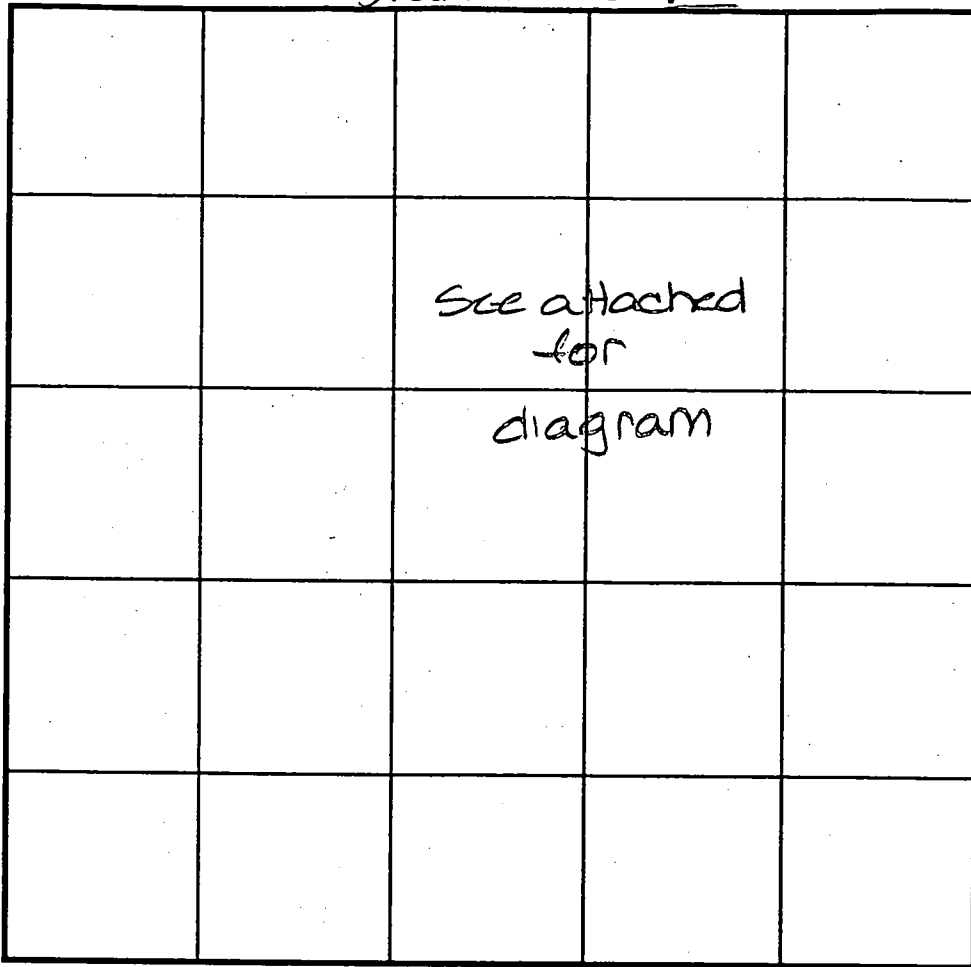
6.0

grey
brown
SaLm
grey
fram
mica
content
30%
micaceous
shale

12.0

SOIL PROFILE

0'



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
	610	4.0 / 12.0	11:06	11:08	11:08	11:11	3min
	702	Visual to 12.0	- see profile				OK

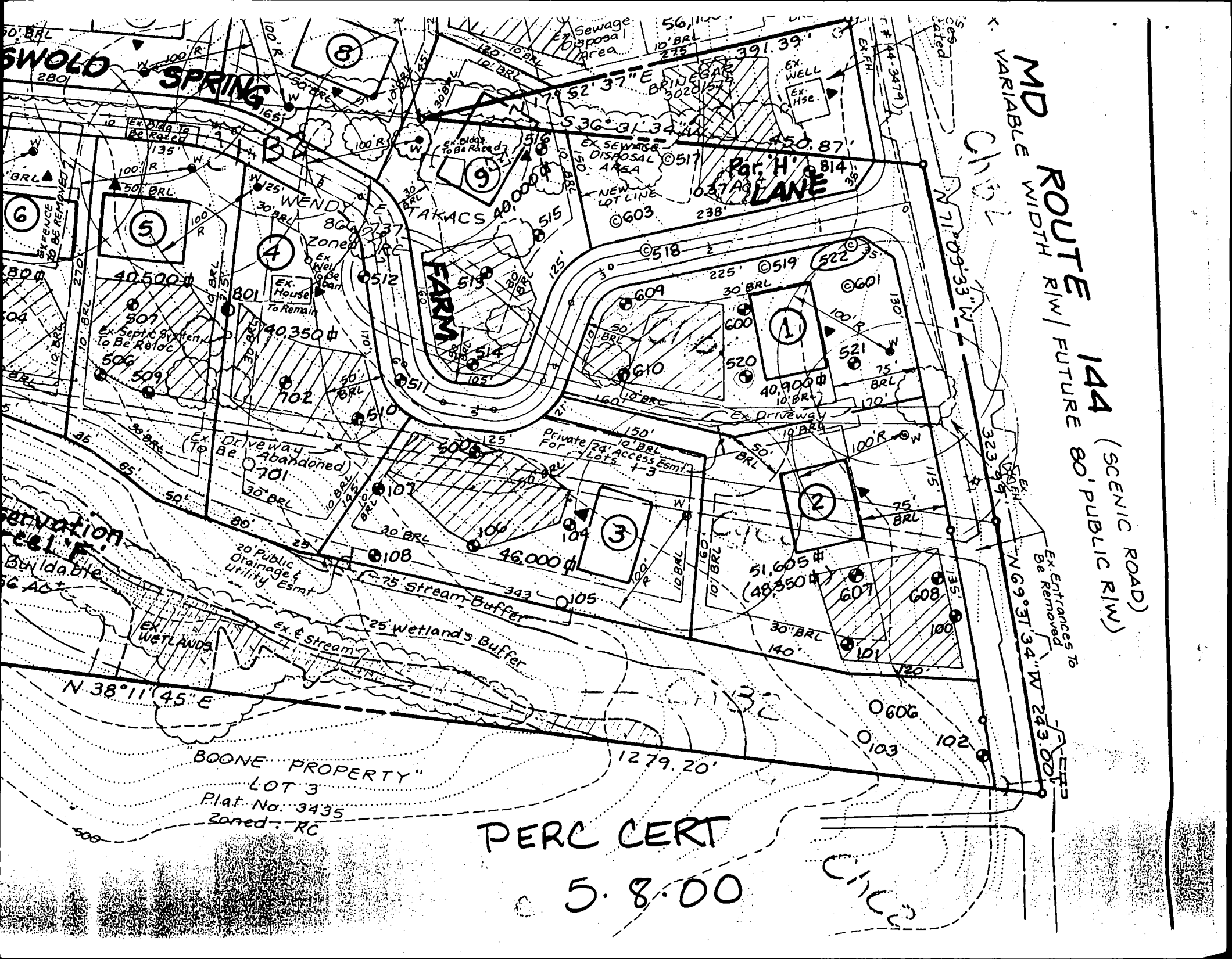
REMARKS _____

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 _____



SWOLD SPRING

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

WENDY
 Zoned RC
 EX. HOUSE To Remain

STAKACS FARM

Par. H. 814
 LANE

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

PERC CERT
 5.8.00

CHIC

Conservation
 Buildable
 66 AC

EX WETLANDS

20 Public Drainage & Utility Esmt

25 Wetlands Buffer

75 Stream Buffer

Private 24' access Esmt For Lots 1-3

EX Entrances To Be Removed

EX. HOUSE TO BE REMOVED

EX. DRIVE TO BE REMOVED

EX. SEPTIC SYSTEM TO BE RELOC.

EX. DRIVEWAY (To Be Abandoned)

EX. SEWAGE DISPOSAL AREA

EX. SEWAGE DISPOSAL AREA

EX. WELL EX. HSE.

EX. DRIVEWAY

EX. & Stream

EX. WETLANDS

EX. DRIVEWAY

EX. HOUSE

EX. SEPTIC SYSTEM

EX. WETLANDS

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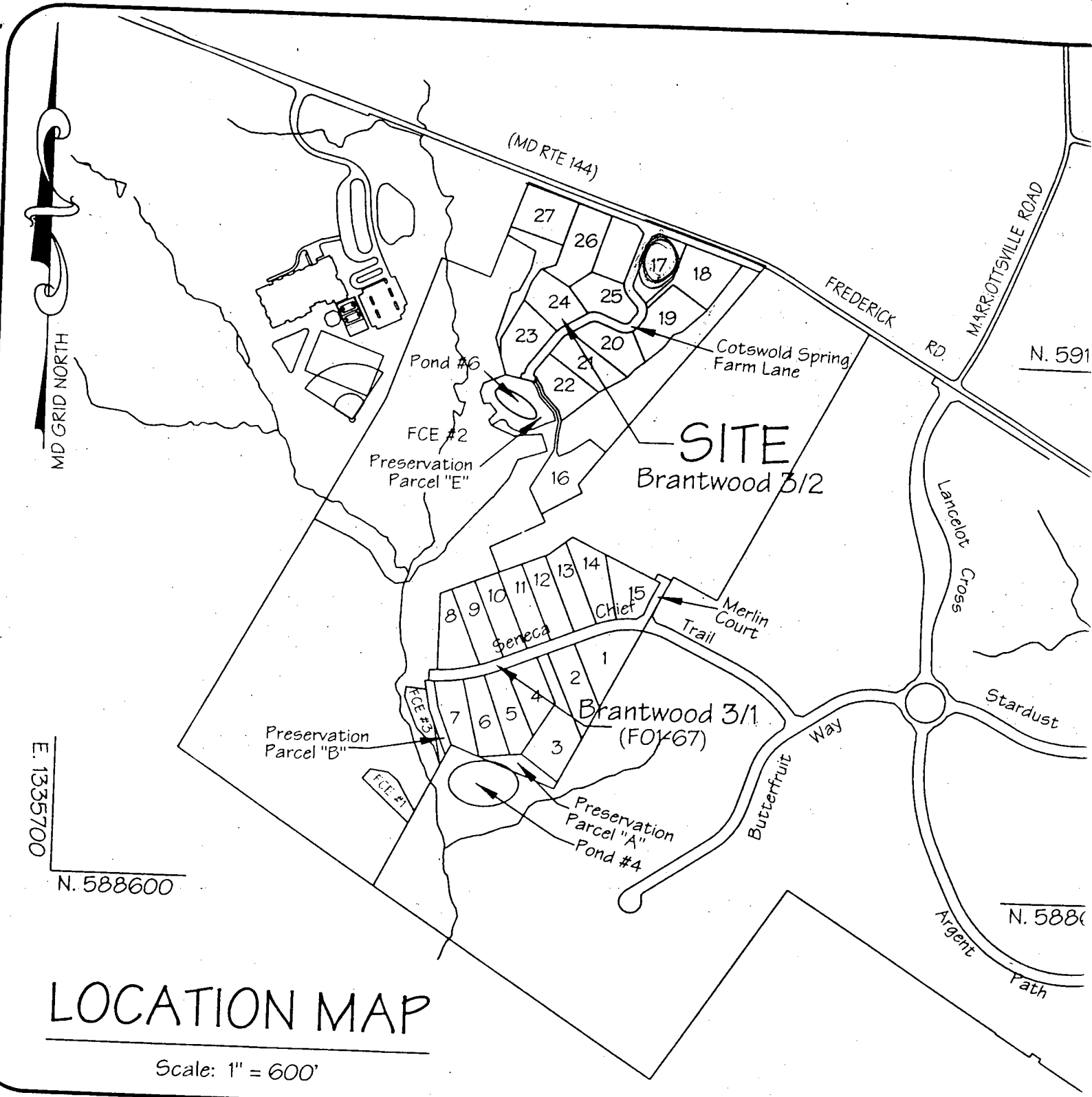
EX. DRIVEWAY

EX. HOUSE

EX. SEPTIC SYSTEM

EX. WETLANDS

EX. DRIVEWAY



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

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

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

D. Wayne Weller
 D. Wayne Weller (MD) No. 10685 Date
Richard B. Talkin
 Richard B. Talkin, Trustee Date

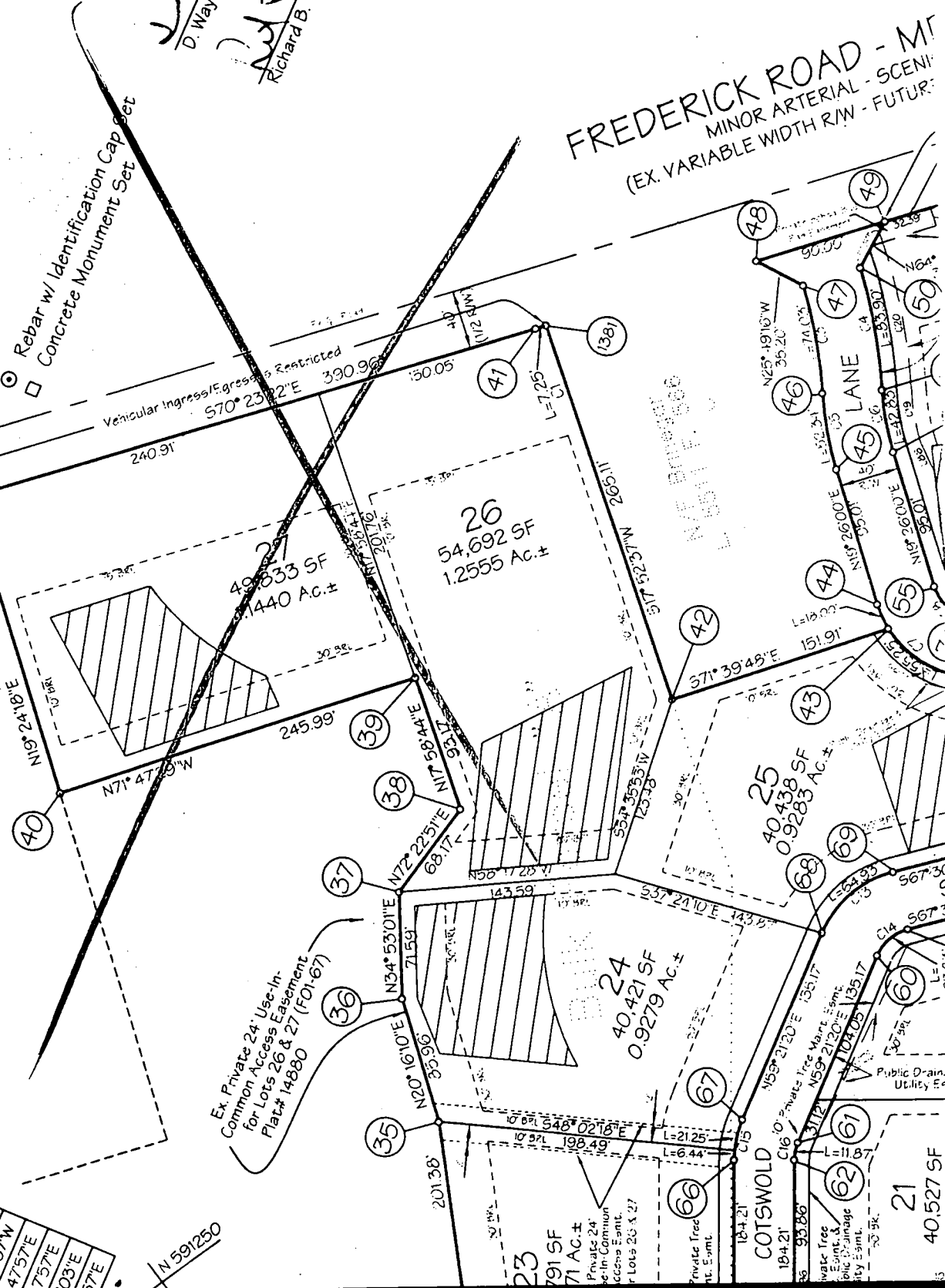
FREDERICK ROAD - MI
 MINOR ARTERIAL - SCENIC
 (EX. VARIABLE WIDTH R/W - FUTUR)

Rebar w/ Identification Cap Set
 Concrete Monument Set

Vehicular Ingress/Egress Restricted
 570° 23' 12" E 390.96'

NOW OR FORMERLY
 CALLED P. KENNEDY
 0416/FOLIO 861
 LIBER 1046/FOLO 861
 ZONED RC
 P.L.A.

66.22	40° 49' W
5.15	540° 31' 12" E
7.72	N38° 55' 49" W
8.95	N38° 57' 44" W
9.15	N51° 02' 16" W
10.15	N69° 31' 39" W
11.15	N61° 40' 47" E
12.15	S36° 41' 16" W
13.15	N23° 56' 33" E
14.15	S77° 12' 03" E
15.15	S2° 12' 03" E
16.15	S47° 57' W
17.15	S47° 57" E
18.15	S73° 7" E
19.15	S7° 3" E
20.15	S7° 3" E



Ex. Private 24' Use-In-Common Access Easement Plat# 14880

COTSWOLD
 194.21'
 93.86'
 184.21'
 135.17'
 111.87'
 121.25'
 6.44'
 198.49'
 169.97'
 10.87'
 546° 02' 16" E
 L=2125'
 Private Tree Easement
 Public Drains Utility Easement

NEW OR FORMERLY
 ZONED R-144
 LIBER 11448/FOID 1487

plat
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F:\Land Projects R2\BRANTWOOD\dwg\Section32\PLATS section32

2. Total area of lots to be recorded: 12.4172 Ac.±
 - a) Buildable Cluster Lots: 11.1918 Ac.±
 - b) Buildable Preservation Parcels: 0 Ac.±
 - c) Non-Buildable Preservation Parcels: 1.2254 Ac.±
 - d) Non-Buildable Parcel: 0 Ac.±
3. Total area of road right-of-way to be recorded: 1.0263 Ac.±
4. Total area of subdivision to be recorded: 13.4435 Ac.±

APPROVED: For Private Water and Private Sewerage Systems Howard County Health Department.

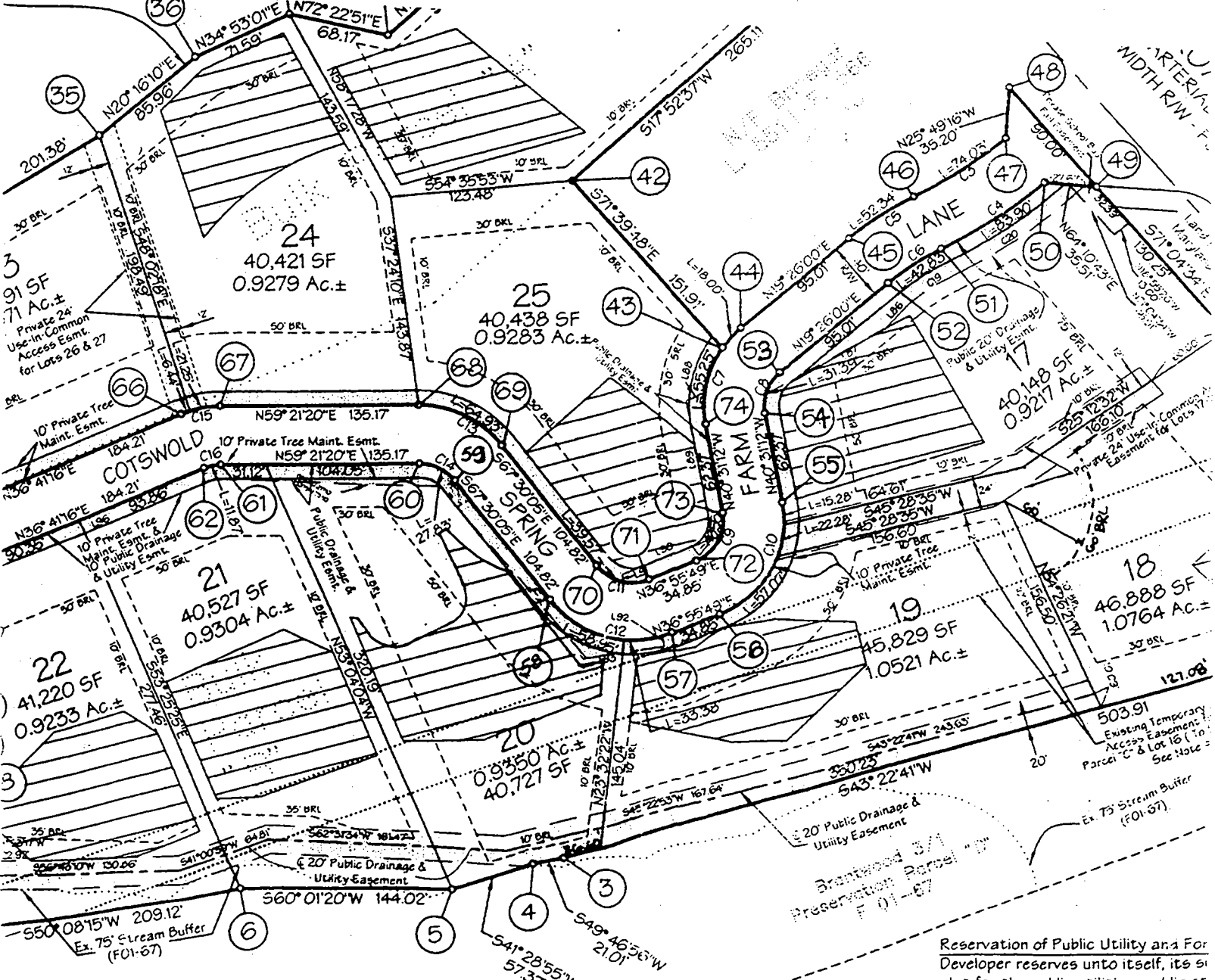
Dine Blatter
 Date: 11/5/01
 Howard County Health Officer

APPROVED: Howard County Department of Planning and Zoning.

Lucy S. Burt
 Date: 11/30/01
 Director

Chris Cummings
 Date: 11/19/01
 Chief, Development Engineering Division

Ex. Private 24' Use-In-Common Access Easement for Lots 26 & 27 (F01-67) Plat# 14880



Reservation of Public Utility and a For Developer reserves unto itself, its plat for the public utilities, public si