

LAYOUT 11/8/02 11 AM INSP 4 11/19/02 pump
 INSP 2 10/13/02 2-30-3 INSP 5 _____
 INSP 3 ~~11/14/02 11-12~~ INSP 6 _____

ISSUE DATE: 10/7/2002

APPROVAL DATE: 11/18/02

**PERMIT
INDEXED**

P 517948

A 50830-A

**ON-SITE SEWAGE DISPOSAL SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT 03-330311
 BUREAU OF ENVIRONMENTAL HEALTH**

South Carroll Backhoe IS PERMITTED TO INSTALL ALTER

ADDRESS: 4410 Salem Bottom Road, Westminster PHONE NUMBER: 410-875-4197

SUBDIVISION: Brantwood I LOT NUMBER: 1

ADDRESS: 11181 Frederick Road 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: 210

LINEAR FEET OF TRENCH REQUIRED: 280 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.5 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 about 5' below the highest corner easement stake (as shown on the bulding permit plan). Run trenches on contour away from the house. The top trench can be 5' deep. <i>others 4.5' deep</i>
NOTES:	Keep septic tank 100' from wells. Trenches should be 10' center to center. Future repairs should have shallower trenches.

PLANS APPROVED: Brian Baker *MUR OK* DATE: 8/27/2002

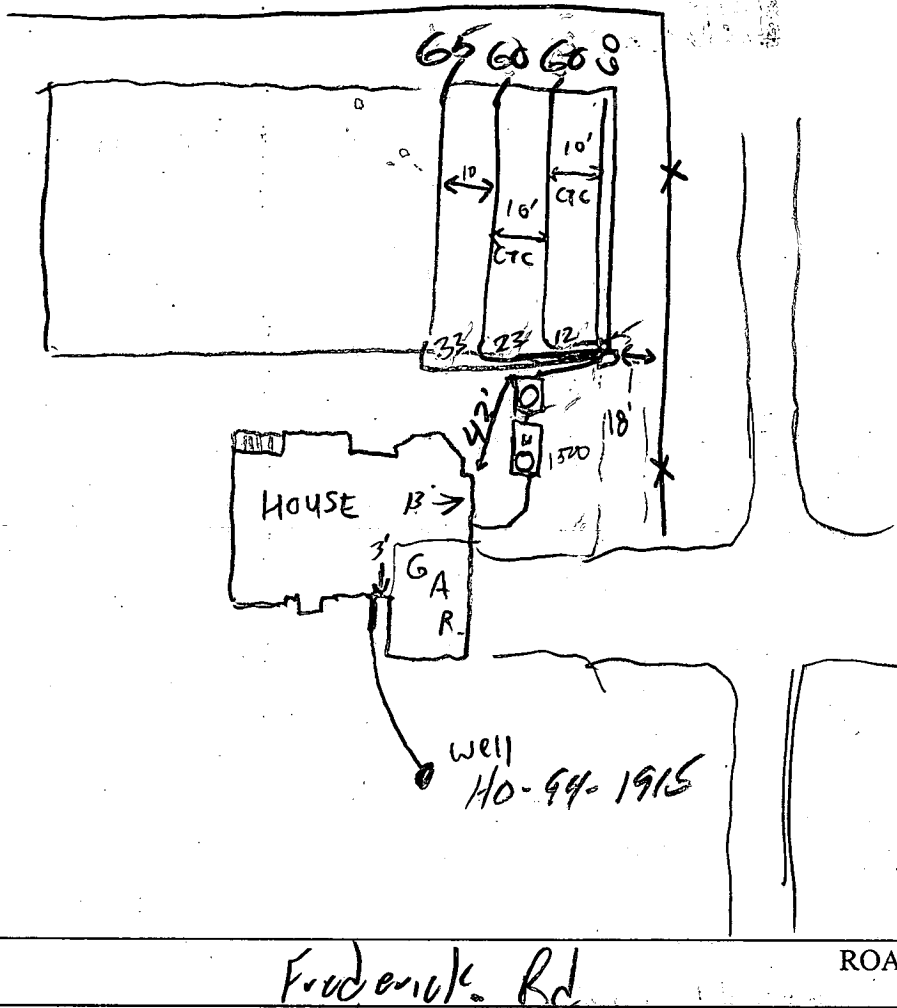
NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS 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**

A50830-A

NOT TO SCALE

10' center/10' center



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3	5
NUMBER OF TRENCHES		4
TOTAL LENGTH		245
ABSORPTION AREA		735 ft ²
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	2
BAFFLES	✓
BAFFLE FILTER	N/A
MANHOLE LOC	Front
6" PORT LOC	N/A
WATERTIGHT TEST	N/A
Pump SEPTIC TANK 2 LEVEL ✓	
CAPACITY	1500 GAL
SEAM LOC	top
TANK LID DEPTH	2'
BAFFLES	inlet
BAFFLE FILTER	N/A
MANHOLE LOC	Center
6" PORT LOC	N/A
WATERTIGHT TEST	N/A

PRE-CONSTRUCTION 11/8/02 No one here (SD) 11/12/02 Lot staked, house is lower than B.P., needs P.T. Trenches per B.P. (SD)

INSTALLATION 11/13/02 Saw 3 trenches 60' + 1 trench 65' long w/ 10' centers. Also saw 1500 pump pit. O.K. to back fill. Will call for pump + alarm test. NOTE Contour was nearly level slope and did not allow trenches to be bent as shown on plan, system installed is 91% of what was recommended. (JB) 11/18/02 Performed pump + alarm check (JB)

FINAL INSPECTOR *J. Kelly*

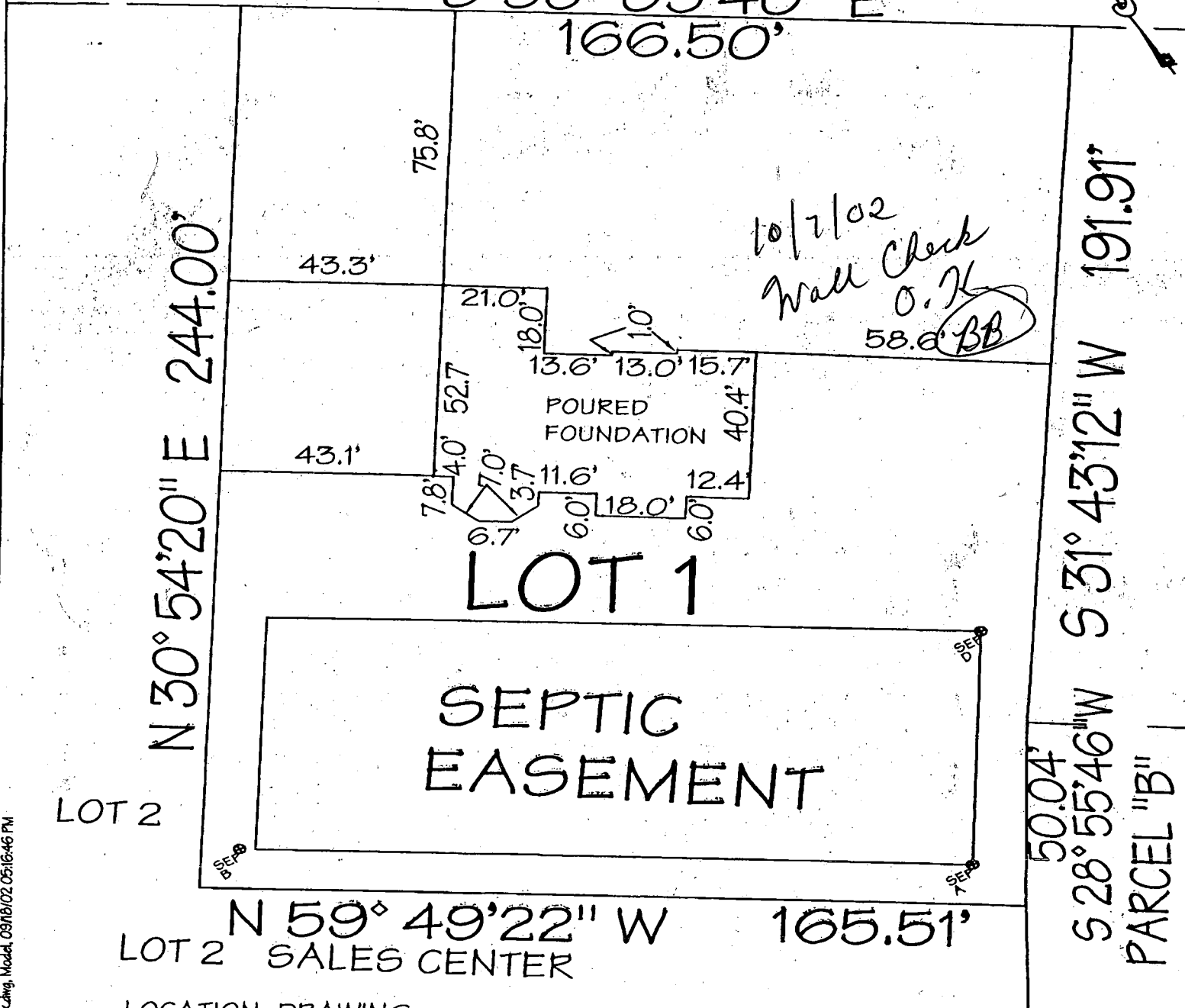
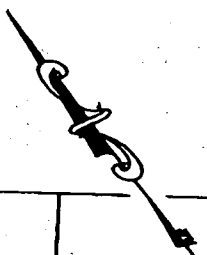
DATE OF APPROVAL 11/18/02

PROPERTY KNOWN AS:

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

LOT 1
"BRANTWOOD SEC ONE"
PLAT No. 13727
HOWARD COUNTY, MD

FREDERICK ROAD
(MD ROUTE 144)
S 59° 05' 40" E



LOCATION DRAWING

TOP OF WALL ELEV = 485.0'

CERTIFICATION

SEAL

SCALE 1" = 30'

DATE 09/17/02

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

LOT 1 FREDERICK ROAD

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



LDE Inc.
Engineers, Surveyors, Planners
9250 Rumsey Road, Suite 106
Columbia, Maryland - 21045
(410)715-1070 - (410)715-9540 Fax

F:\Land Projects R2\BRANTWOOD\Lot 1\Lot 1\Loc.dwg, Model, 09/18/02 05:16:46 PM

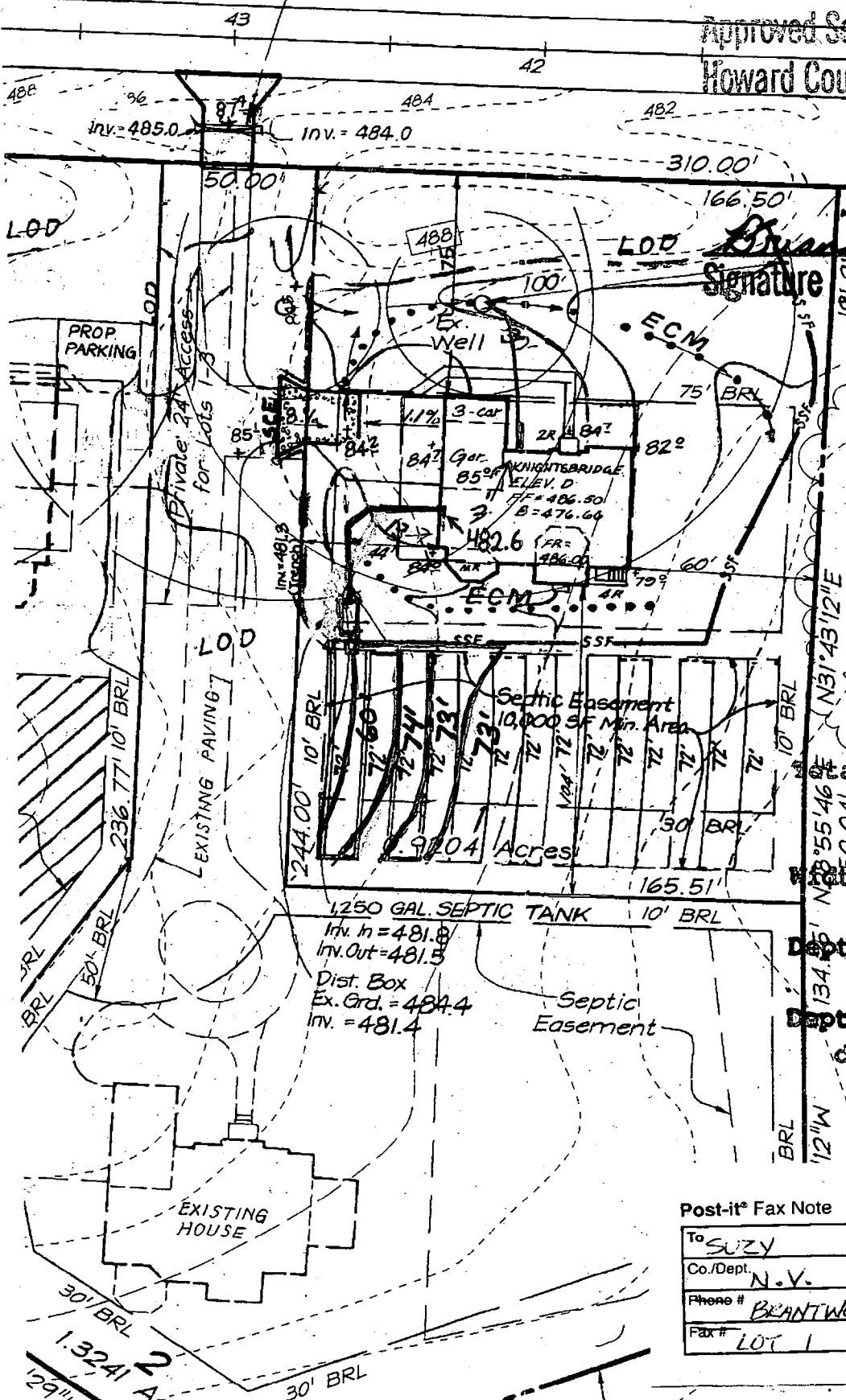
SF

FOLLY

VICINITY MAP
SCALE: 1"=2000'

24' LF 12" 16ga GMP
with End Sections

Approved Septic System Plan
Howard County Health Department



Bryan Baker
Signature Date 8/27/02

1" = 50'
Plan Scale
Is off
slightly

Total linear feet of trench required 280 feet
 Width of trench(es) 3.0 feet
 Depth of trench(es) 4.5-5.0 feet
 Depth of stone required below distribution pipe 2.0 feet

Post-it® Fax Note	7671	Date	8/9/02	# of pages	1
To	SUZY	From	KEEFE LEE		
Co./Dept	N.V.	Ge	CFS		
Phone #	BEANTWOOD	Phone #	FOR BUILDING		
Fax #	LOT 1	Fax #	PERMITS		

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: Vincent Plumbing Telephone #: 301-829-0444
Address: 10 Main St
Metheny MD 21074

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation: License# 14107
Name (Print): Harold Vincent

*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: My Acres Telephone #: 301-858-0532
Subdivision: Branchwood Lot #: 1 Well Tag #: HO-04-1915
Site Address: 1181 Frederick Rd
Cillicott City MD 21043

Submersible Pump Data
Make: Grundfos
Model #: LS507420
Pump Capacity: 34 GPM
Well Yield: 34 GPM

Pitless Adapter
Make: Unbranded
Model #: 510K
Depth: 45 (36" min)
NSF approved: yes

Well Cap and Electric Conduit
Two piece watertight cap:
Screened, vented well cap:
Cap secured to casing:
Conduit min 18" B.G.:
Conduit secured to well cap:

Depth of well encountered at time of pump installation: 32 (feet)
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 no

Piping to house
Type: polyethylene
PSF: 200 (160 psi min)
Depth of supply line: 12 (36" min)

House Connection
PVC sleeved to undisturbed soil at wall penetration: 15
Approximate length of sleeve: 15
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 Vincent date: 10/28/02

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

Date Insp. Requested: _____ Date Insp. Approved: _____
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

} 10/4/02 SO

11/9/02 Still no cap, left red sticker (SO)
11/26/02 CAP OK, BASED ON H2O REPORT OF 11/25/02 MR.

C1 4346

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A50830A

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 2 22 99

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1915

OWNER Brantwood LLC STREET OR RFD Rt. 144 TOWN Ellicott City MD SUBDIVISION Brantwood SECTION I LOT 1

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for BROWN SHALE and BLUE SLATE.

GROUTING RECORD form with fields for WELL HAS BEEN GROUTED, TYPE OF 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 types (ST, CO, PL, OT), 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, insert appropriate code below.

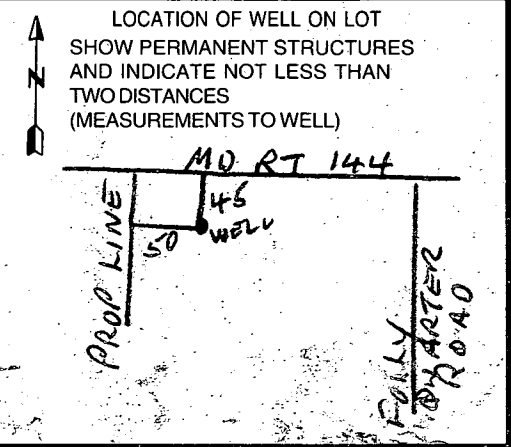
DEPTH (nearest ft.) table with columns for depth intervals (1-21, 23-26, 30-32, 38-41, 45-47, 51) and values (110, 59, 250).

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) form with fields for T, W, Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, 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 A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

DRILLERS LIC. NO. 1 MW D 139 Rabot Elme LIC. NO. 1 MW D 168 Rick Fogle

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

B 1 8600

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HD-94-1915 fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Biantwood LLC

15 Last Name Owner First Name 34

8835 - P Columbia 100 Parkway

36 Street or RFD 55

Columbia, MD 21045

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Hartman David MWD 517

Driller's Name 76 License No. 81

A.C. Schick of Maryland

Firm Name

24 South River Road

Address 90 water, MD 21037

Signature Dan S. Hart Date 10/16/98

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)

10

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

800

14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)

T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

AIR-ROTary AIR-Percussion ROTARY (Hydraulic Rotary)

CABLE REVerse-ROTary Drive-POINT

other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

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

FORCE AM INITIALS IN BOX PERMIT No. HD-94-1915

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

B 3 LOCATION OF WELL

Howard

8 COUNTY 21

Feaga Property

23 SUBDIVISION 42

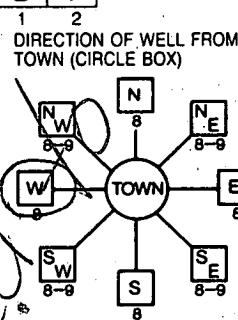
SECTION 44 46 LOT 48 50

Pine Orchard meadows

52 NEAREST TOWN 71

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

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



MD Rt. 144

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 35 37 DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: BLK: PARCEL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A50830A

COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S

DATE ISSUED 10/26/98 Amy M. Wells 10/26/99

50 000 55 57 820 000 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

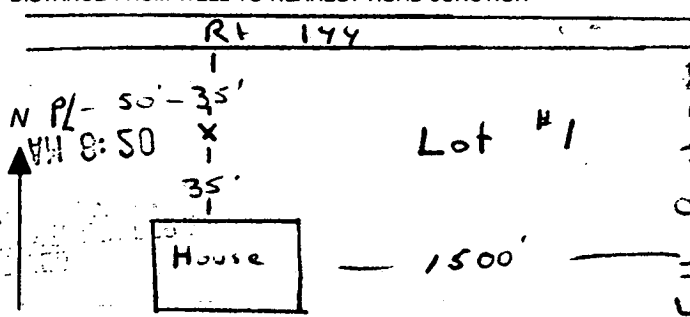
- 1. Tanker

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



B 1 8600 SEQUENCE NO. (MDE USE ONLY)
1 2 3 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

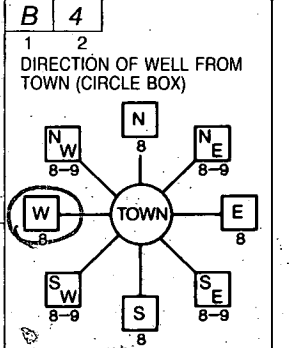
STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER
HO-94-1915
70 fill in this form completely 79

Date Received (APA)
OWNER INFORMATION
8 MM DD YY 13
Brantwood LLC
15 Last Name Owner First Name 34
8835 - P Columbia 100 Parkway
36 Street or RFD 55
Columbia, MD 21045
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
Howard
8 COUNTY 21
Feaga Property
23 SUBDIVISION 42
SECTION 44 46 LOT 1 48 50
Pine Orchard meadows
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 2 M I
73 76 77 78

DRILLER INFORMATION
Hartman, David MWD 517
Driller's Name 76 License No. 81
A.C. Schultes of Maryland
Firm Name
24 South River Road
Address
Egewater, MD 21037
Signature Date
San B. [Signature] 10/16/98



MO Rt. 144
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH NORTH
WEST EAST
SOUTH SOUTH
34 35 37
DISTANCE FROM ROAD FT
ENTER FT OR MI 38 39
TAX MAP: BLK: PARCEL:

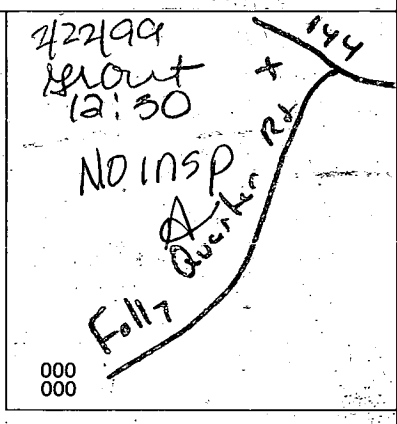
B 2 WELL INFORMATION
1 2 APPROX. PUMPING RATE 10
(GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED 800
(GAL. PER DAY) 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard Co A50830A
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 10.26.98 Amy M. [Signature] 10/26/99
43- MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID 520 000 EAST GRID B20 000
50 55 57 63

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
22 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET
24 28
APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. Tanker
2.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
E 820
N 520

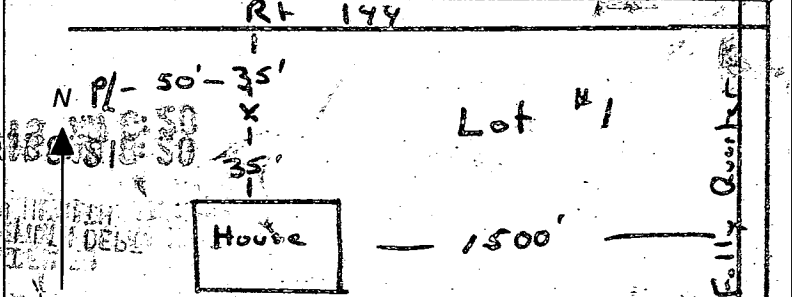


METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
37 CABLE REVerse-ROTARY Drive-POINT
other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
39 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) 41

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 54
WRITE INITIALS IN BOX FORCE AM 67 68
PERMIT No. HO-94-1915
70 71 72 73 74 75 76 77 78 79



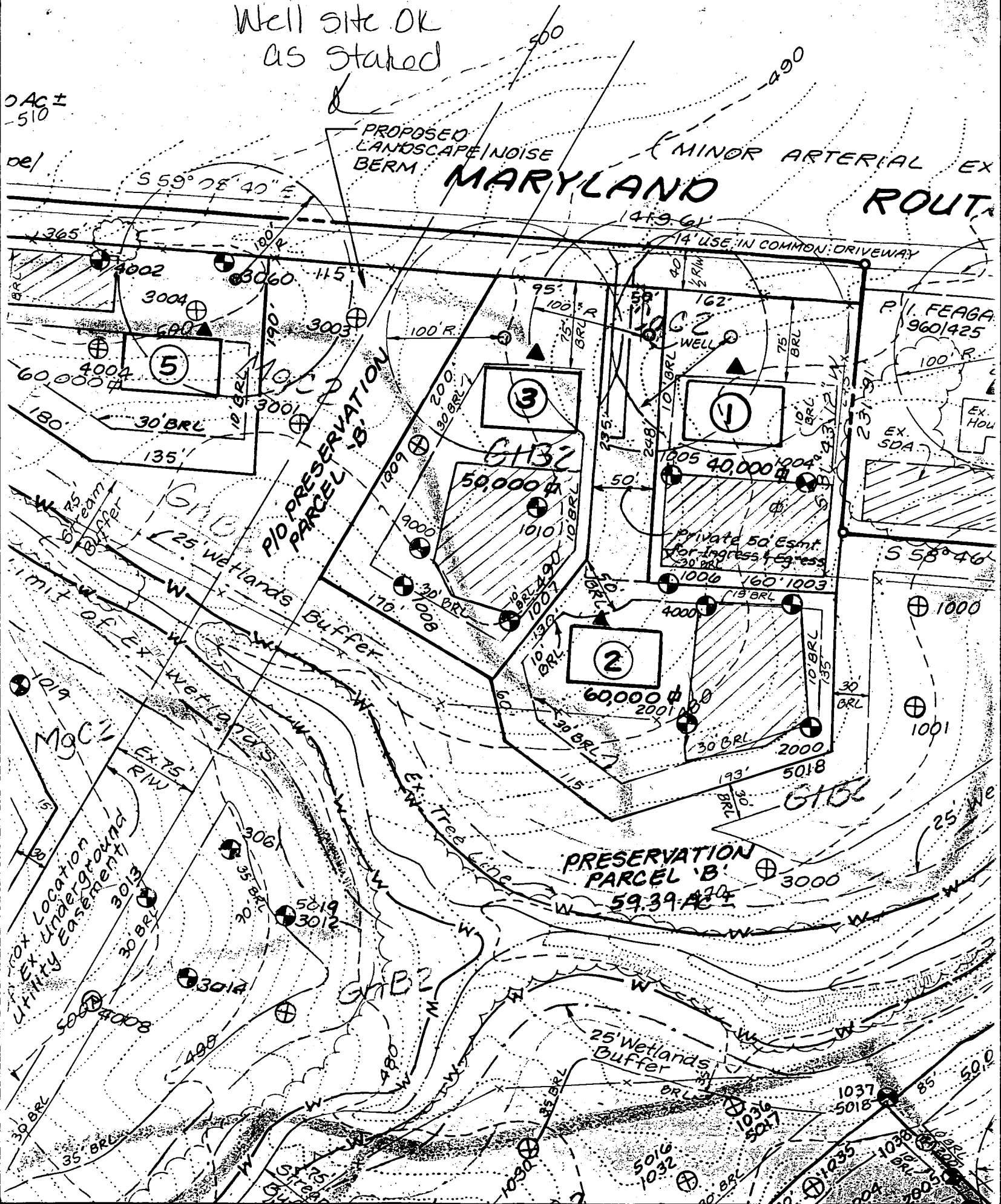
SPECIAL CONDITIONS
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -
COUNTY

10/22/98

Well site OK
as stated

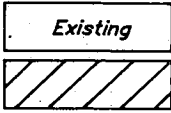
0 AC ±
510

de/



ROUTE

144

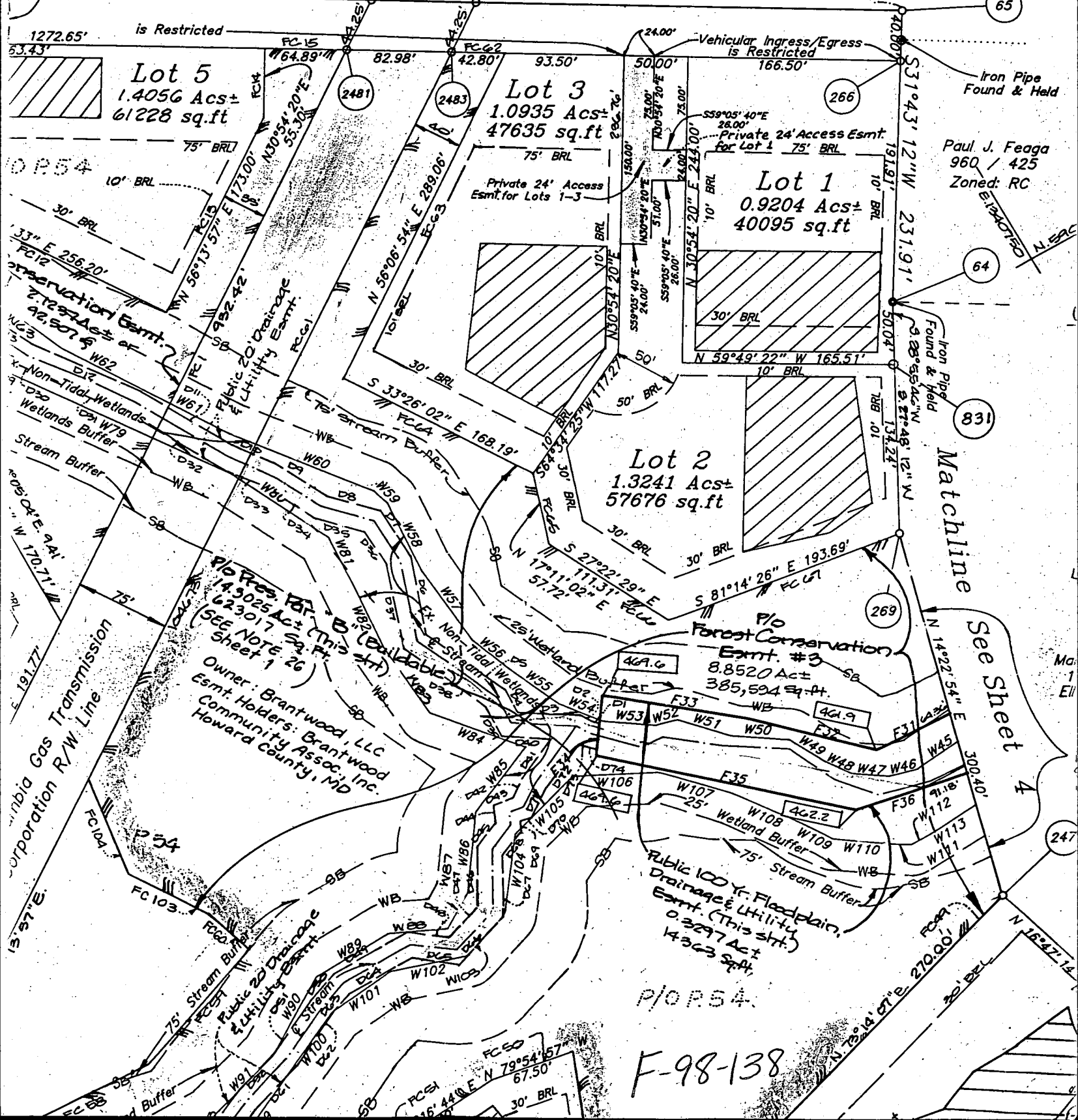


These areas designate a private sewage square feet as required by the Maryland Environment for individual sewage of any nature in this area are restrict upon connection to a public sewage system. These improvements shall have the authority to grant variances for the private sewage easement. Recordation of a modification is not necessary.

R/W

To Be Dedicated To
State Highway Administration
1.3018 Ac±

S 59°05'40" E 1419.61'



F-98-138

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE 8/15/95

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 Feaga Family

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER Land Marketing, Inc. c/o Tim Feaga

ADDRESS 3243 Bethany Lane Ellicott City PHONE 313-8808

21042

PROPERTY LOCATION:

SUBDIVISION Feaga Property LOT NO. 21

ROAD AND DESCRIPTION Rt 144 + Folly Quarter Rd

TAX MAP 16+23 PARCEL # 34+63

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.

Mark A. Reil
(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
1003

0' 1 qt
orange
brn
SiClM
gravelly

2' grey
brn
micaceous
SiLM
15-20%
flags

6' dark
brn
Salm
very
micaceous
water

1004

red
brn
ClLM

3.5' dark
brown
Salm
micaceous
15%
decayed
saprotic

8' red-yellow
mottled
SiLM

11.5' water

1005

orange
red
micaceous
SiClM

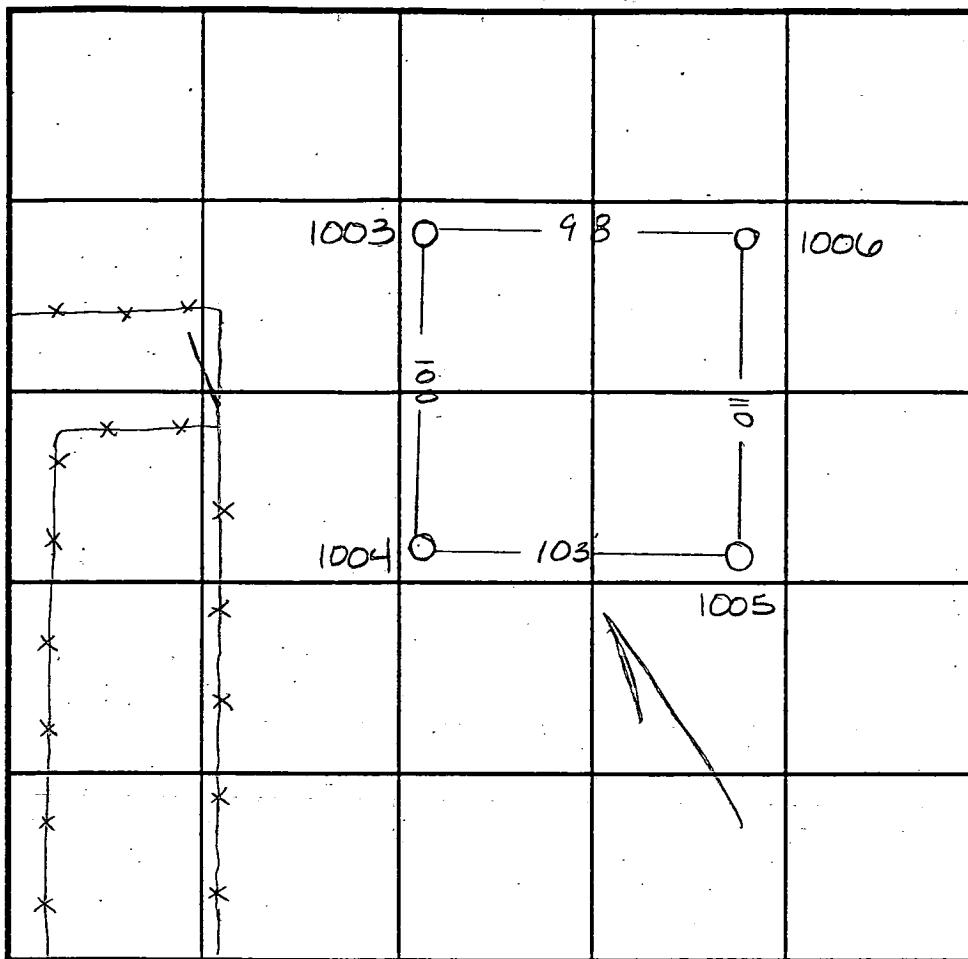
2' lgt tan
orange
Salm
very
micaceous

SOIL PROFILE
1006

0' dark
brn
SiClM

2' dark
brn
Salm
spots
of
white
grainy
sand

11.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
MD RT 144

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-7-95	1003	6.5' VII'	9:28 ³⁰	9:30	9:30	9:33	3min
	1003	3' VII'	9:29	9:31 ¹⁵	9:31 ¹⁵	9:35	3 3/4 min
	1004	4' VII.5'	9:38	9:41 ³⁰	9:41 ³⁰	9:48	6 1/2 min
	1005	2.5' VII.0'	9:46	9:55	9:55	10:12	17min
	1005	6' VII.0'	9:49 ³⁰	9:50 ³⁰	9:50 ³⁰	9:52 ³⁰	2min
	1006	Visual to 11.5'					OK

REMARKS Hold for wet season

TYPE OF SOIL _____

TESTED BY Amy McMillen

ALSO PRESENT Mark Ruch

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____

TRENCH WIDTH _____

INLET DEPTH _____

MAXIMUM BOTTOM DEPTH _____

SQ. FT./BEDROOM _____

Revised
Perc. Cert
9-18-98

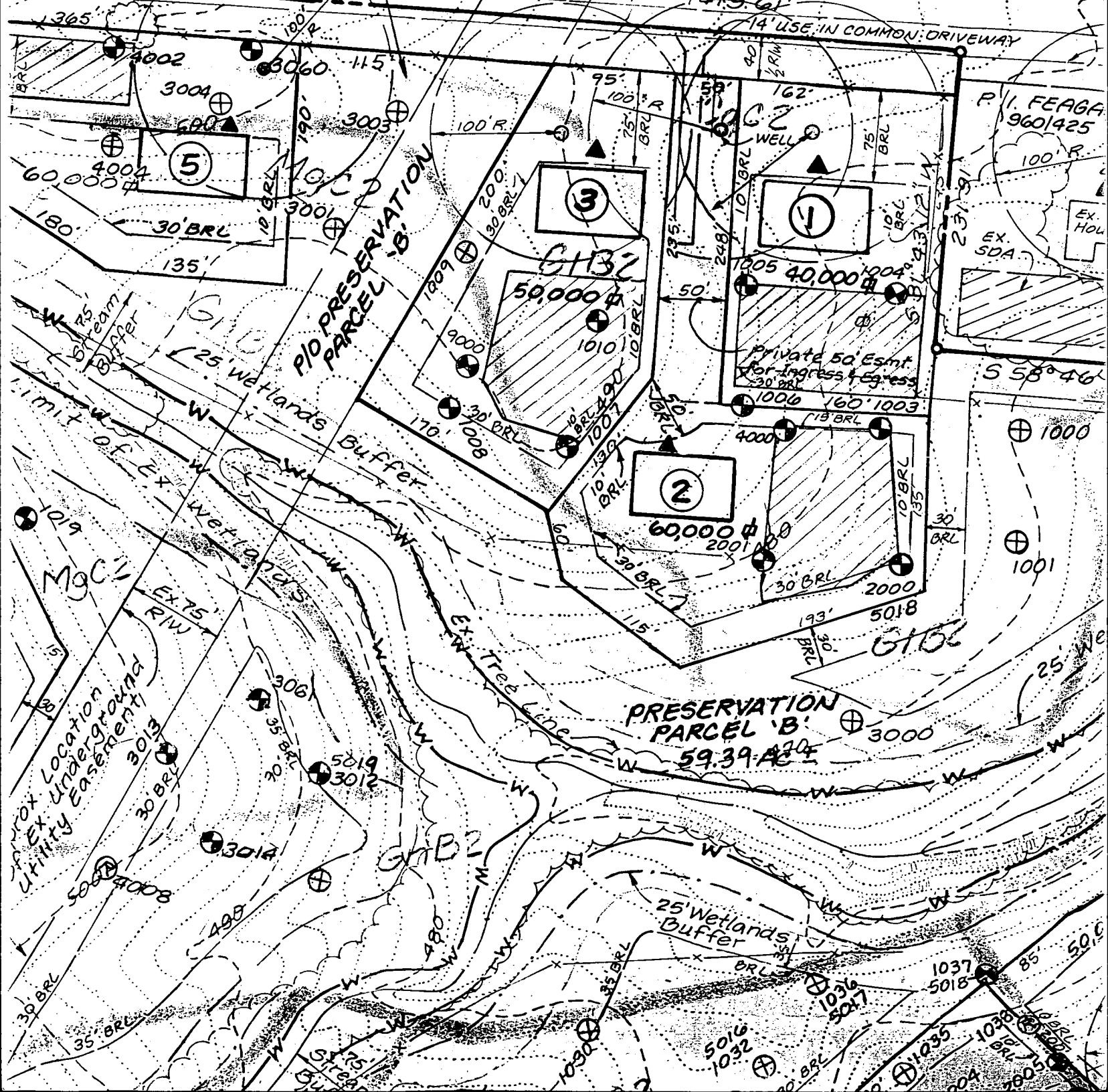
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PROPOSED
LANDSCAPE/NOISE
BERM

MARYLAND

MINOR ARTERIAL EX
ROUTE



P. I. FEAGA
960/425

EX. HOU.
EX. SDA.

S 58° 46'

PRESERVATION
PARCEL 'B'
59.39 AC

Approx Location
Utility Easement

75' beam
Buffer

Limit of Ex.

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

P10 PRESERVATION
PARCEL '6'

25' Wetlands Buffer

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

Tree Line

Wetlands

Wetlands

Wetlands

Wetlands

Wetlands

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Wetlands

Private 50' Esmt
for Ingress & Egress

Wetlands

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