

LAYOUT 7/2/02 10:00 INSP 4 \_\_\_\_\_  
 INSP 2 7/9/02 PM INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 7/10/02  
 APPROVAL DATE: 8/22/02

**PERMIT**  
**INDEXED**

03-331946

P 517340  
 A 512694-U

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

WTC III Plumbing & Heating Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS: 1820 Gillis Falls Rd., 21797 PHONE NUMBER: 410-489-4457

SUBDIVISION: Brantwood II LOT NUMBER: 20

ADDRESS: 3021 Seneca Chief Trail PROPERTY OWNER: Nantucket Homes/Dorsey Inc.

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED   
~~N/A~~

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box 10 feet from the front 289.69 feet lot line and 125 feet from the right 390.00' lot line.
NOTES:	Well line to stay 10 feet from any part of septic system. or be 12" above force main

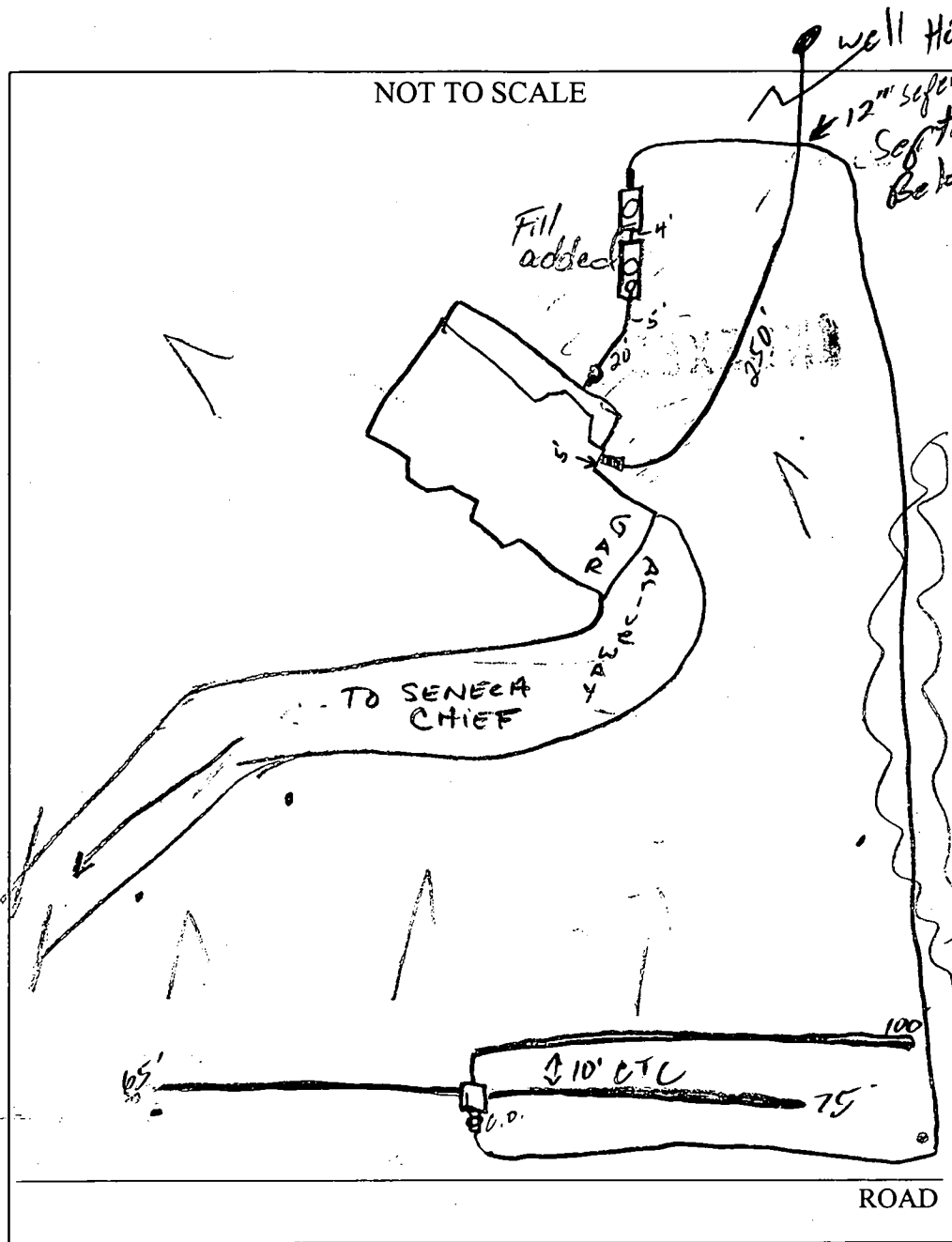
PLANS APPROVED: Brian Baker OK SRC 1/7/02 DATE: 1/04/2002

- 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 UNLESS SPECIFICALLY AUTHORIZED

**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**

A512694-U

NOT TO SCALE



**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3	2	4
NUMBER OF TRENCHES		3
TOTAL LENGTH		290'
ABSORPTION AREA		720 <del>sq</del>
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	<input checked="" type="checkbox"/>
WATERTIGHT TEST	<input checked="" type="checkbox"/>

PRE-CONSTRUCTION 7/2/02 Area staked; tops per plan. Moving S.T. location further down out of fill - does not encroach well installation radius. Cleaning out brush today and setting tanks. Discussed sleeving well line if not 12" above septic line (KN)

7/9/02 OK to cover all work. Pump & Alum tests needed (SO)

8/22/02 Pump & Alum test OK (SO)

FINAL INSPECTOR *[Signature]*

DATE OF APPROVAL 8/22/02

LOT 22 30' BRL

40118 SF

LOT 21 30' BRL

41797 SF

143.69'

146.00'

289.69'

S62°55'00"E

10' BRL

10' BRL

500

↑ TO SENECA CHIEF TRAIL

490

Ex Grd. 500.00  
Inv. = 497.00

LOD

A-2

1.6%

LOD

198.02

Well Line  
Must Stay  
10' from septic  
tanks and pipe  
Or be 12" above  
owner's Building Footing

Approved Septic System Plan  
Howard County Health Department

Brian Baker

1/4/02

Signature

Date

Total linear feet of trench  
required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 4 feet

Depth of stone required below  
distribution pipe 2 feet

PLAN BY CFS

1:50

Brantwood 20

3021 S.C. Trail

THE REGULAR RESIDENCE  
FF = 492.00  
B = 482.38  
Inv. = 480.4

SEPTIC TANK

FIN. GRD 482.7

INV. IN 479.7

PUMP TANK

FIN. GRD 482.1

INV. 479.1

\* BASEMENT DOES NOT  
SEWER BY GRAVITY

LOT 20

65682 SF

S62°55'09"E

84.00'

30' BRL

30' BRL

30' BRL

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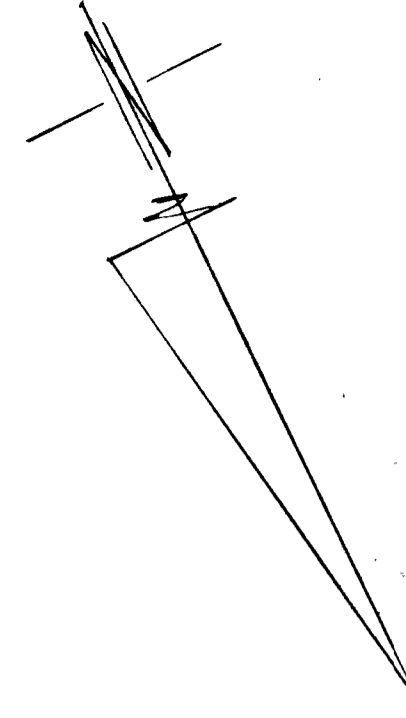
30' BRL

30' BRL

30' BRL

NOTE: This lot appears to lie in an area classified as Zone C, area of minimal flooding, as shown on FIRM MAP of Howard County, Maryland, Community Panel Numbers 2400440016B & 22B, Panels 16 & 22 of 45, dated December 4, 1986.

Wall Check: 4-3-02  
Top of Wall Elev.: 490.4

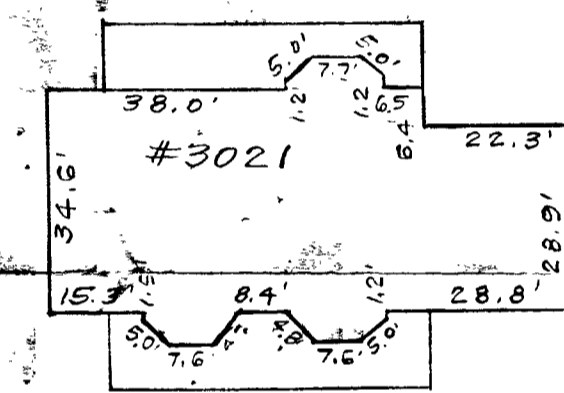


PRESERVATION PARCEL "F"  
(NON-BUILDABLE)

Private Sewerage Easement

Private 10' Wide Tree Maintenance Easement

GEORGE A. GARBUTT  
AND  
GERTRUDE J. GARBUTT  
995/123



SCALE: 1" = 30'

Wall Check OK  
7/1/02 (SRK)

CONSUMER INFORMATION

1. This plat is of benefit to the consumer only insofar as it is required by a lender of a title insurance company or its agent in connection with contemplated transfer, financing or refinancing purposes;
2. This plat is not to be relied upon for the establishment or location of fences, garages, buildings or other existing or future structures;
3. This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.

SURVEYOR'S CERTIFICATE

I hereby certify that a field survey of this property has been made under my supervision for the purpose of locating the improvements shown hereon, and they are located as shown.

4-4-02  
DATE

*Raymond J. Sackett, Jr.*  
STATE OF MARYLAND  
RAYMOND J. SACKETT, JR.  
REGISTERED  
PROPERTY LINE SURVEYOR

SENECA CHIEF TRAIL  
50' R/W

NOTES:

1. The ± setback distance accuracy = 1'

Plat Reference: PLAT NUMBER 14135

		<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS	
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.			
DESIGNED	LOCATION DRAWING 3021 SENECA CHIEF TRAIL LOT 20		SCALE 1" = 50'
DRAWN	BRANTWOOD SECTION TWO AREA ONE		DRAWING
CHECKED	LOTS 1 THRU 30 AND PRESERVATION PARCELS 'E' & 'F' A RESUBDIVISION OF PART OF 'BRANTWOOD-SECTION ONE NON-BUILDABLE BULK PARCEL 'E'		JOB NO.
DATE	THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND		FILE NO.
4-4-02			99-089-0

**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: WTC III Telephone #: 410 489 4457  
Address: 1820 Gillis Falls Rd

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): William T Cumberland License# 7979  
\*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: Nantucket House Telephone #: 442 8200  
Subdivision: Brantwood Lot #: 2D Well Tag #: HO-94-3136  
Site Address: 3021 Seneca Creek Trk

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Myers</u>	Make: _____	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>ME50</u>	Model#: _____	Screened, vented well cap: <input type="checkbox"/>
Pump Capacity: <u>8</u> GPM	Depth: _____ (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>8</u> GPM	NSF approved: _____	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: _____ (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

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 \_\_\_\_\_

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>Plastic</u>	PVC sleeved to undisturbed soil at wall penetration: <input checked="" type="checkbox"/>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>5 ft</u>
Depth of supply line: <u>4 ft</u> (36" min)	Sleeve caulked and sealed properly: <u>yes</u>

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: [Signature] date: 8/22/05

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

Date Insp. Requested: \_\_\_\_\_ Date Insp. Approved: 7/18/05 [Signature]  
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 groud observed below pitless adapter \_\_\_\_\_

C1 0781

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. OKSRK 9/19/01

COUNTY NUMBER A512694C

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-44-3136

OWNER Brantwood LLC STREET OR RFD Seneca Chief Trail TOWN Ellicott City SUBDIVISION Brantwood II SECTION LOT 20

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entry for Overburden Limestone and water at 90'.

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

CASING RECORD form with fields for Casing types insert appropriate code below, MAIN CASING TYPE (ST), Nominal diameter top (main) casing (6), Total depth of main casing (42).

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, ST, BR, HO, PL, OT.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES (Y) NO (N)

- 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...

DRILLERS LIC. NO. MW0309 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 MW0241 SIGNATURE: Wynn Powell

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

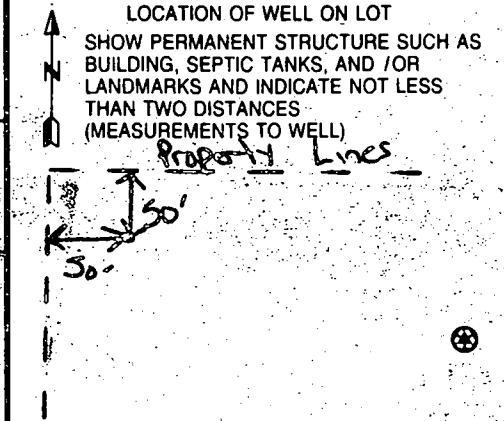
DEPTH (nearest ft.) table with columns T, E, A, C, H, S, R, E, E, N and rows for 8-11, 15-17, 23-26, 30-32, 38-41, 45-47, 51.

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 Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST form with fields for HOURS PUMPED (3), PUMPING RATE (9.3), METHOD USED TO MEASURE PUMPING RATE (Submersible), WATER LEVEL (46), TYPE OF PUMP USED (S submersible).

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP (YES/NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O), CAPACITY GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.







<b>B 1</b>	<b>7043</b>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL	STATE PERMIT NUMBER <b>HO-94-3136</b>
			<b>W515318</b> please print or type	fill in this form completely

Date Received (APA) **070201**  
8 MM DD YY 13

**OWNER INFORMATION**

**Brantwood LLC**  
15 Last Name Owner First Name 34

**8835 P Columbia 100 Pkwy**  
36 Street or RFD 55

**Columbia, MD 21045**  
57 Town 70 State 72 Zip 76

**B 3** LOCATION OF WELL

**Howard**  
8 COUNTY 21

**Brantwood**  
23 SUBDIVISION 42

SECTION **2** LOT **20** Area 1  
44 46 48 50

**West Friendship**  
52 NEAREST TOWN 71

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

**DRILLER INFORMATION**

**Paul M. Fabiszak** M W D 3 9 9  
Driller's Name 76 License No. 81

**G. Edgar Harr Sons' Corp**  
Firm Name

**12047 Falls Rd Cockeysville 21030**  
Address

*[Signature]* **6/28/01**  
Signature Date

**B 4**

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

**Seneca Chief trail**  
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

**300**  
34 DISTANCE FROM ROAD 37  
ENTER FT OR MI 38 39

TAX MAP: \_\_\_\_\_ BLK. \_\_\_\_\_ PARCEL \_\_\_\_\_

**B 2** WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **750**  
14 20

**USE FOR WATER** (CIRCLE APPROPRIATE BOX)

**D** DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

**F** FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

**I** INDUSTRIAL, COMMERCIAL, DEWATERING

**P** PUBLIC WATER SUPPLY WELL

**T** TEST, OBSERVATION, MONITORING

**G** GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

**Howard Co.** **13**  
COUNTY NAME COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S →

DATE ISSUED **7/5/01** **ACUMMILL** **7/5/02**  
43 MM DD YY 48 CO SIGNATURE EXP DATE

NORTH GRID **520 000** EAST GRID **820 000**  
50 55 57 63

APPROXIMATE DEPTH OF WELL **250** FEET  
24 28

APPROXIMATE DIAMETER OF WELL **6** INCH  
NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER  
1 **Well**  
2.  
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

**820**  
E

**520**  
N

8/11/01 Groat NO INSP

**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)

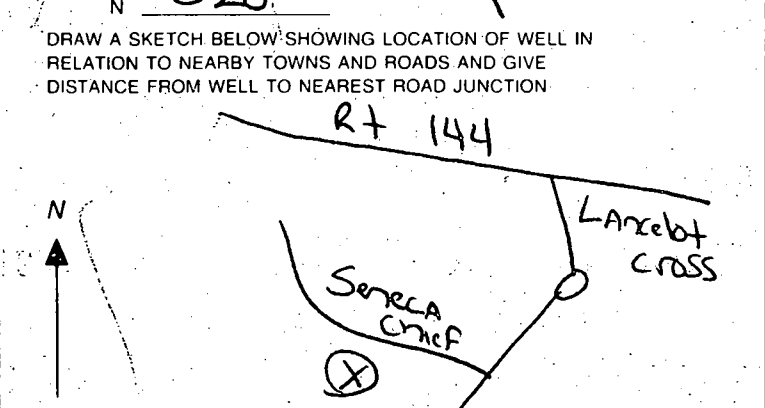
**N** THIS WELL WILL NOT REPLACE AN EXISTING WELL

**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 DEEPEM 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 \_\_\_\_\_ **G** \_\_\_\_\_

PERMIT No. **HO-94-3136**  
70 71 72 73 74 75 76 77 78 79

**SPECIAL CONDITIONS**

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

7'35" W  
02'

Zoned: RC

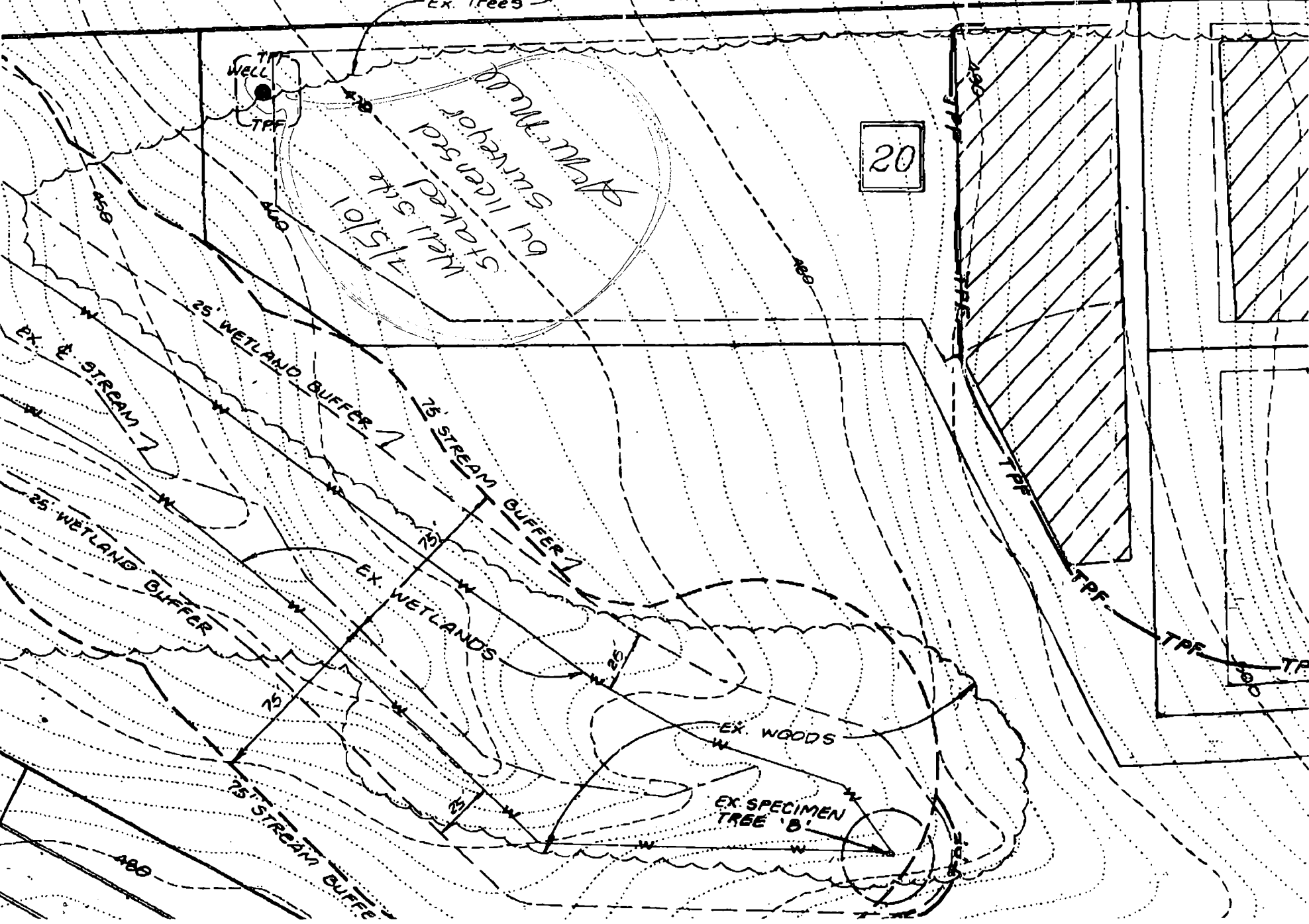
N27°04'51"E

Ex. Trees

20

2/5/01  
Stacked  
by 11cen  
Surveyor  
M.M.M.

WELL  
TPF



# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

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. 11-A

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 S. Reich  
(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

3029

0' brn SiClm  
 3' lgt orange pink SaLm 5% quartzite  
 10' dark black brown SaLm 30% Saprolite  
 12'

3030

3' dark red clay  
 3' orange mottled with white yellow SiLm  
 9' dark black brown SaLm 30% shale  
 12'

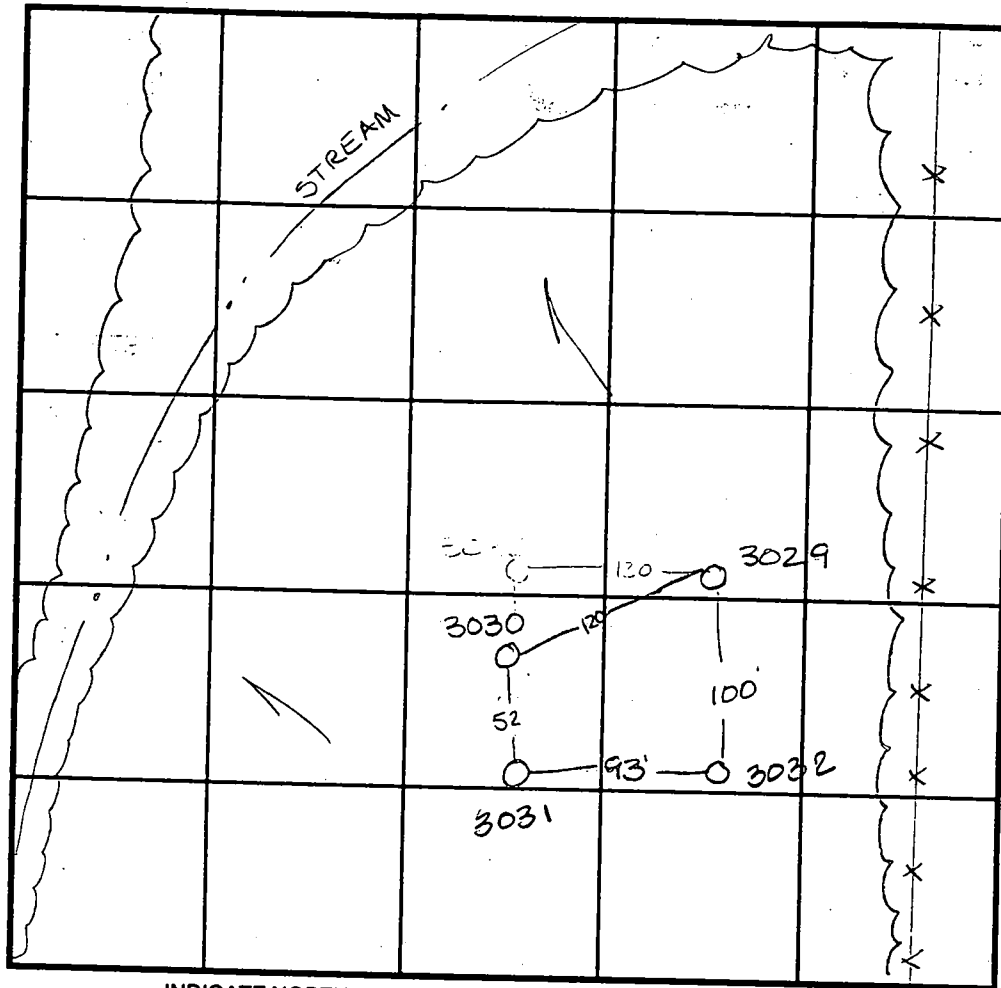
3031

3' red brn SiClm strong sub. & blocky structure  
 3' lgt orange brown SaLm  
 11' grey brown SaLm 15% rock  
 12'

SOIL PROFILE

3032

0' orange brown SiClm  
 3' lgt brn to beige micaceous SaLm  
 9' white SaLm  
 12'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-8-95	3029	3.5 V12	1:27	1:28	1:28	1:35	7min
	3031	3.5 V12	1:30	1:34	1:34	1:38	4min
	3030	Visual to 12'	sec profile		---		wet season
	3032	Visual to 12'	sec profile		---		wet season

REMARKS wet season

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

TESTED BY Amy McMillan

ALSO PRESENT Tim Feaga

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

TRENCH WIDTH \_\_\_\_\_

# 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. 71 75 72

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.

Paul 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

0' 1220 1221

mottled orange grey silm  
 black brn silm  
 20% shale water at 7'

1224

red orange silim

3'

white mottled silm  
 evidence of high H<sub>2</sub>O table

11'

7026

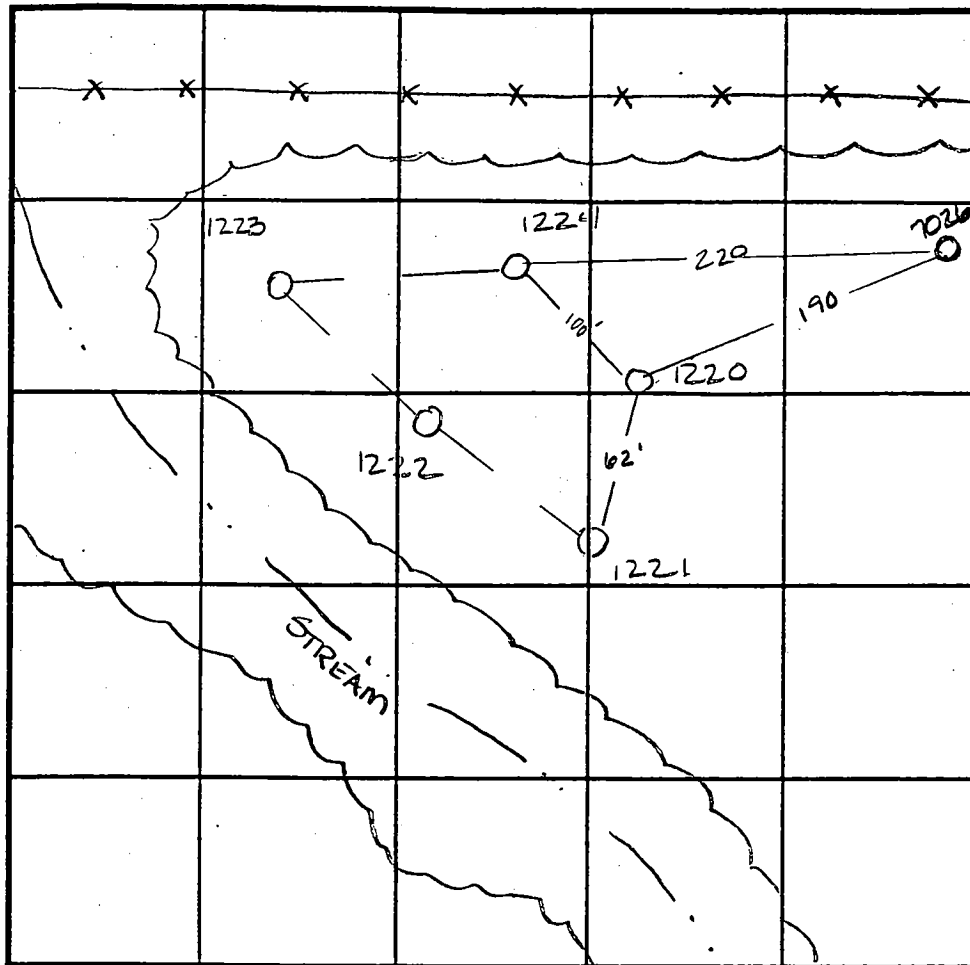
dark brn silim  
 pocket of 40% Rx

3.5'

5.5'

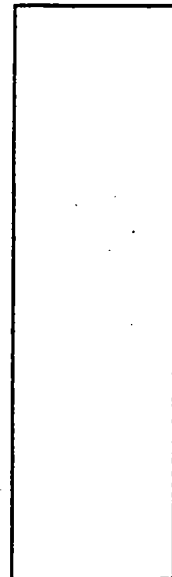
lgt orange silm 10% lg Rx  
 white decayed quartzite at 11.0'

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	
9-20-95	1220	Visual to 7'	see profile	—	—	—	F
	1221	Visual to 7'	- see profile	—	—	—	F
	1224	Visual to 11'	- see profile	—	—	—	wet F
	1222	Not dug	—	—	—	—	—
	1223	Not dug	—	—	—	—	—
12-12-96	7026	Visual to 12.0'	- see profile	—	—	—	OK

REMARKS \_\_\_\_\_

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

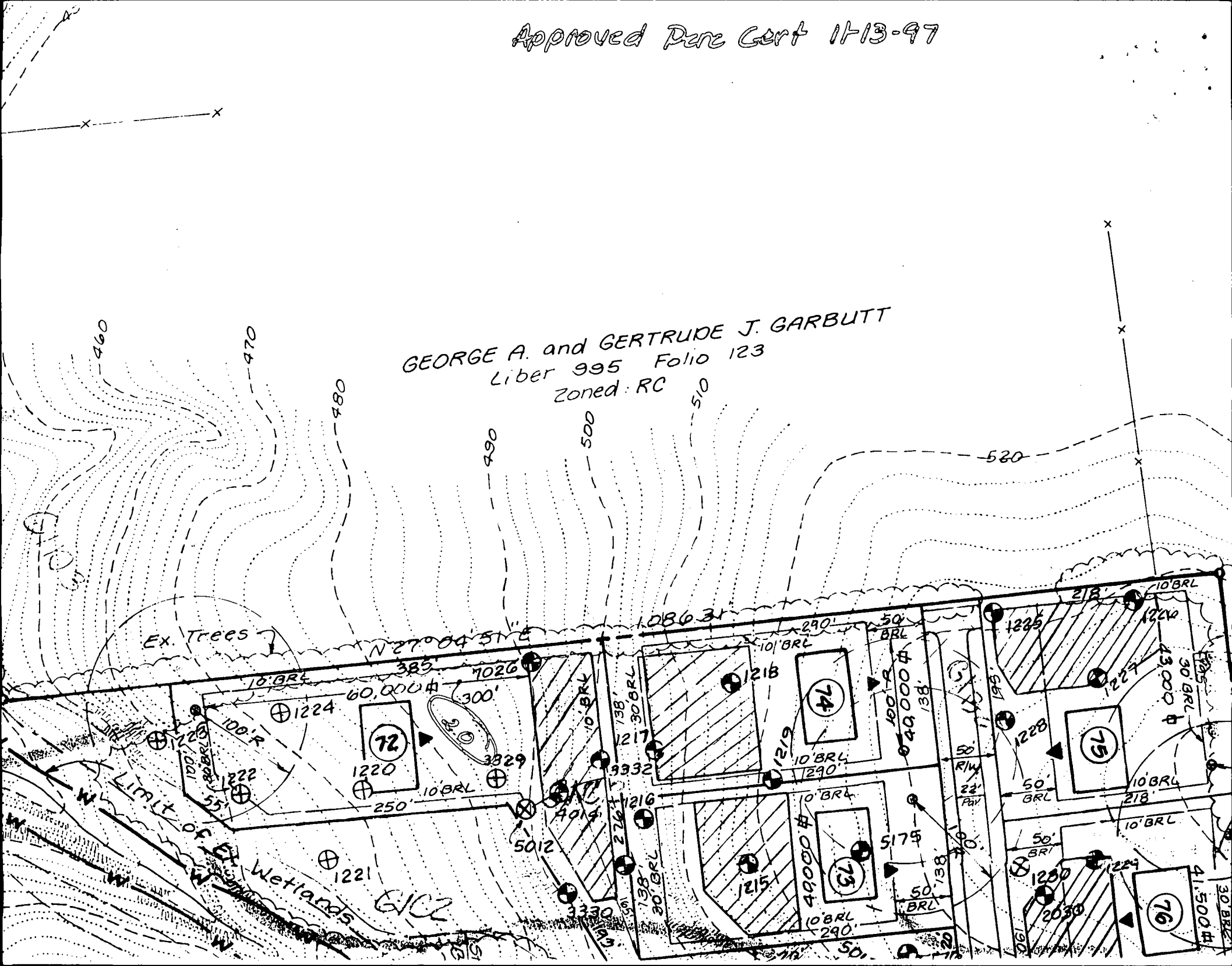
TESTED BY Amy McMillen ALSO PRESENT Tim Flaaga

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

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

Approved Perc Cert 11-13-97

GEORGE A. and GERTRUDE J. GARBUTT  
Liber 995 Folio 123  
Zoned: RC



ERS  
1214

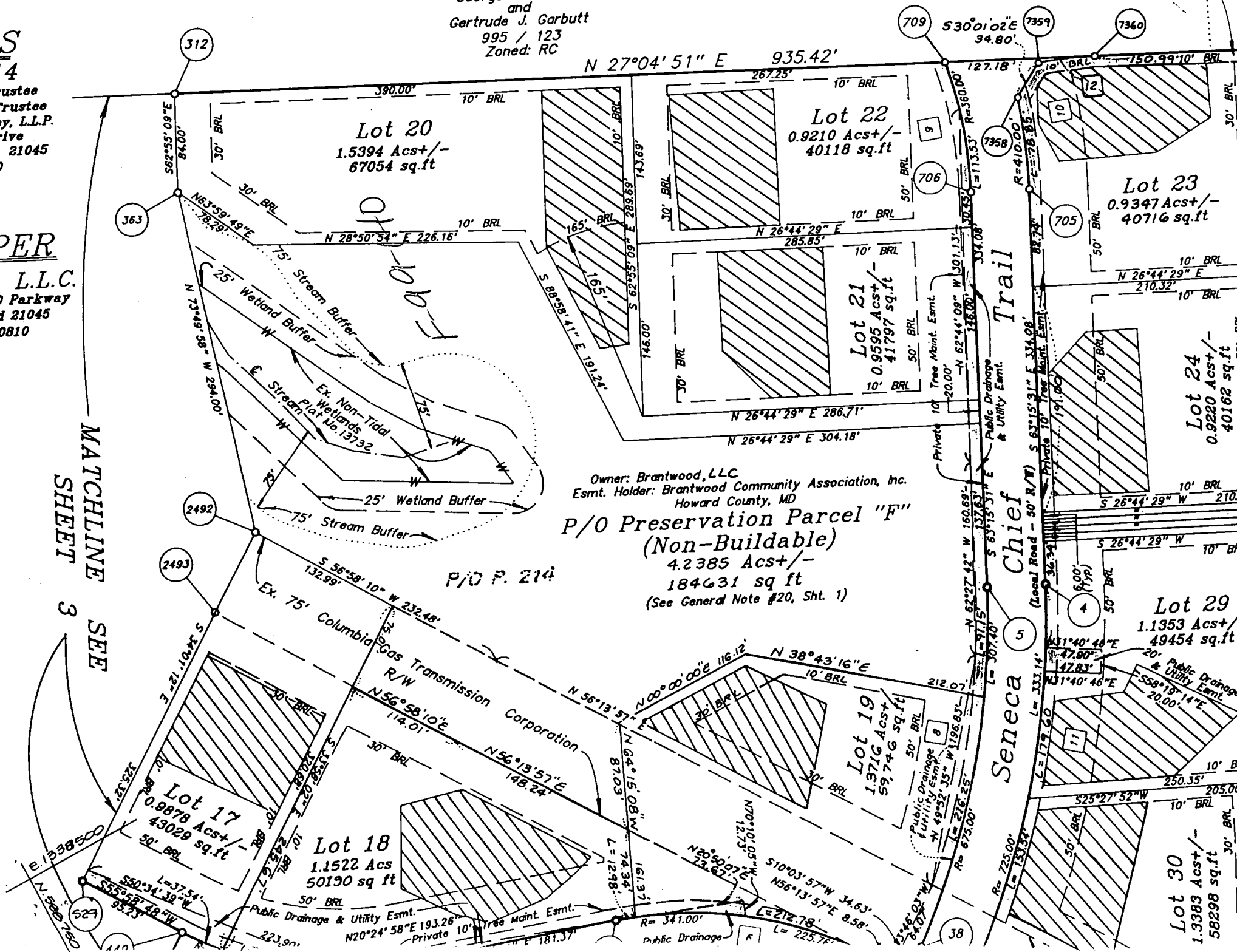
oy, Trustee  
ber, Trustee  
Carney, L.L.P.  
ter Drive  
yland 21045  
0-4600

LOPER

OD, L.L.C.  
ia 100 Parkway  
yland 21045  
730-0810

George A. Garbutt  
and  
Gertrude J. Garbutt  
995 / 123  
Zoned: RC

Private 10 Tree Maint. Esmt.  
Esmt. & Reversible Grading Esmt.



MATCHLINE SEE SHEET 3

Owner: Brantwood, LLC  
Esmt. Holder: Brantwood Community Association, Inc.  
Howard County, MD  
**P/O Preservation Parcel "F"**  
(Non-Buildable)  
4.2385 Acst+/-  
184631 sq ft  
(See General Note #20, Sht. 1)

P/O F. 214

**Lot 17**  
0.9878 Acst+/-  
43029 sq.ft

**Lot 18**  
1.1522 Acst+/-  
50190 sq ft

**Lot 20**  
1.5394 Acst+/-  
67054 sq.ft

**Lot 22**  
0.9210 Acst+/-  
40118 sq.ft

**Lot 21**  
0.9595 Acst+/-  
41797 sq.ft

**Lot 23**  
0.9347 Acst+/-  
40716 sq.ft

**Lot 24**  
0.9220 Acst+/-  
40162 sq.ft

**Lot 29**  
1.1353 Acst+/-  
49454 sq.ft

**Lot 19**  
1.3716 Acst+/-  
59746 sq.ft

**Lot 30**  
1.3383 Acst+/-  
58298 sq.ft

Chief Seneca Trail

Public Drainage & Utility Esmt.  
Private 10' Tree Maint. Esmt.

Private 10' Tree Maint. Esmt.  
Public Drainage & Utility Esmt.

Public Drainage & Utility Esmt.

Public Drainage

312

363

2492

2493

529

709

706

705

704

703

702

701

700

7359

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# LDE INC.

Planning • Engineering • Surveying

## MEMORANDUM

### 3 SHEETS

TO : Nick Liparini

FROM: Bruce Burton

DATE : January 28, 2000

RE : Brantwood 2/1 F99-140  
Alternate Well Site

I have attached alternate well sites for Lots 6, 20, 21 and 22. The approved locations have been staked as of January 27, 2000, excluding Lot 6 which CFS did. This is the undermined location. LDE has also located that site for reference.

We have tried to maintain a 25 foot minimum separation between all well sites. However, the house sites on Lots 21 and 22 require adjustment with the alternate locations.

Please let me know if you need additional information.

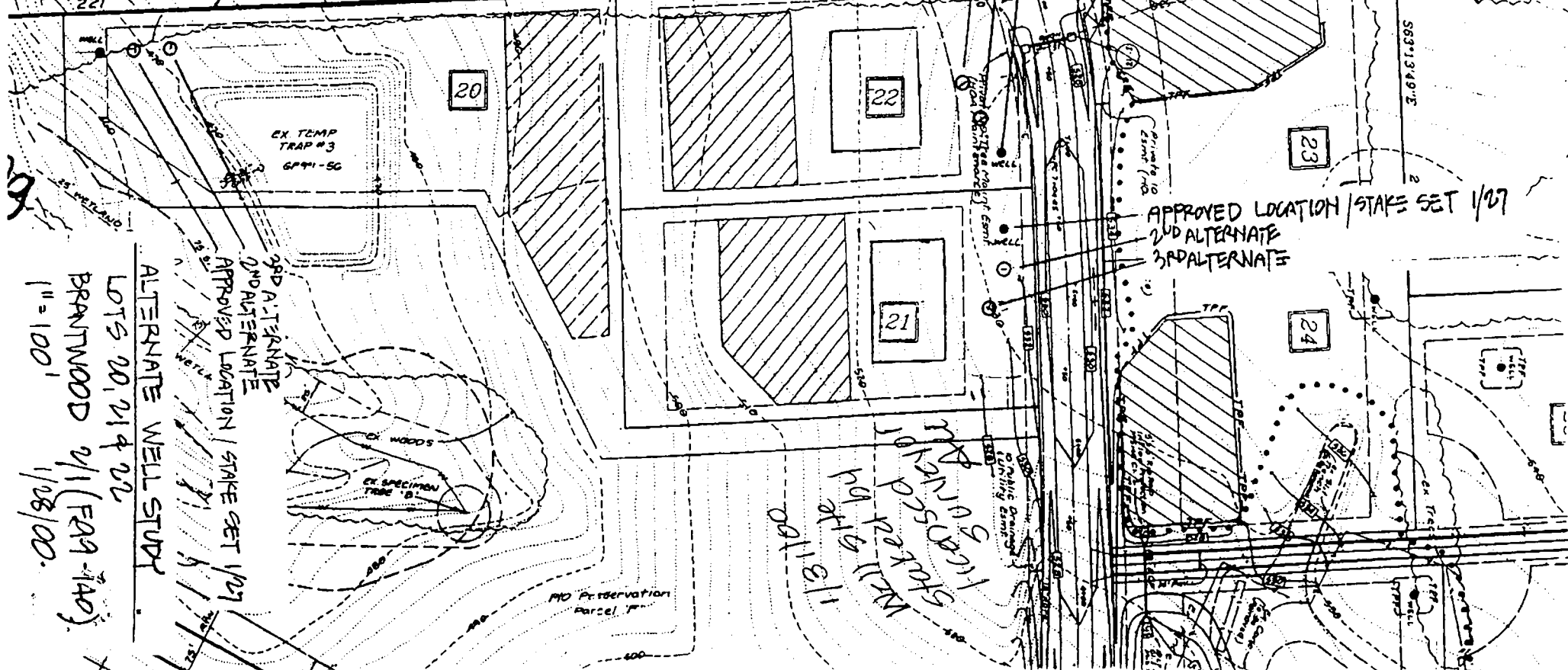
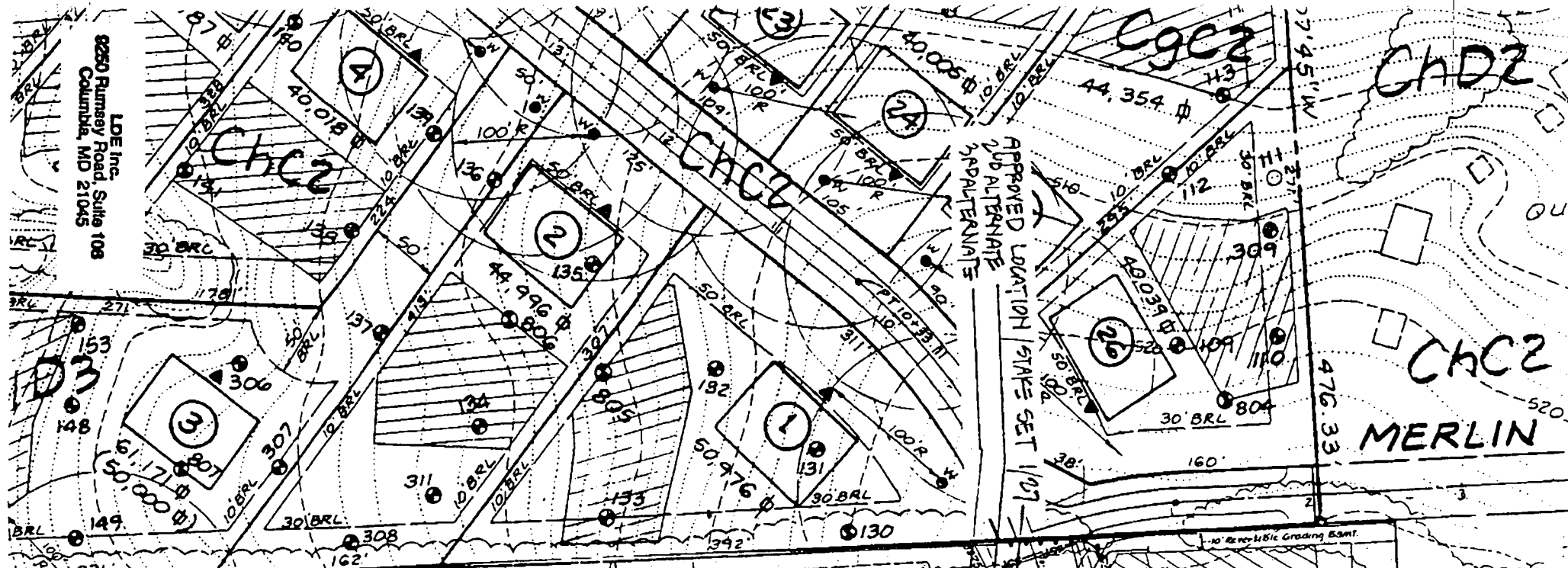
cc: John Liparini  
Amy McMillen

Brantwood/Nick/WellSites.doc

*1/31/00  
Need to drill lot 6  
Relief granted for other  
lots if developer provides  
documentation that they will not  
request off-site easements for  
lots that have well problems.  
They would re-subdivide as  
necessary to make sur-  
wells all on the  
lots.*

*A*

LDE Inc.  
8250 Rumsey Road, Suite 108  
Columbia, MD 21045



ALTERNATE WELL STUDY  
 LOTS 20, 21 & 22  
 BRANTWOOD 2/1 (F29-140)  
 11=100'  
 1/08/00.

APPROVED LOCATION / STAKE SET 1/07  
 2ND ALTERNATE  
 3RD ALTERNATE

APPROVED LOCATION / STAKE SET 1/07  
 2ND ALTERNATE  
 3RD ALTERNATE

BRANTWOOD  
 STAKE SET  
 11=100'

CHC2  
 CHD2  
 CHC2  
 MERLIN

Cgc2

MD Preservation Parcel

no Excavation Grading Easmt.

Private Driveway  
 10' Easmt

Public Driveway  
 10' Easmt

56,134 sq ft

23

24

22

21

20

4

2

1

24

29

Chc2

Chc2

Chc2

CHC2

MERLIN

Cgc2

APPROVED LOCATION / STAKE SET 1/07  
 2ND ALTERNATE  
 3RD ALTERNATE

APPROVED LOCATION / STAKE SET 1/07

476.33'

274.51' W

44,354 sq ft

59,036 sq ft

50,976 sq ft

44,996 sq ft

40,018 sq ft

51,171 sq ft

55,540 sq ft

55,540 sq ft

56,134 sq ft

23

24

22

21

20

4

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1

24

29

Chc2

Chc2

Chc2

CHD2

CHC2

MERLIN

Cgc2

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Chc2

Chc2

CHD2

CHC2

MERLIN

Cgc2

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Chc2

Chc2

CHD2

CHC2

MERLIN

Cgc2

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Chc2

Chc2

CHD2

CHC2

MERLIN

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Chc2

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CHC2

MERLIN

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Chc2

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CHD2

CHC2

MERLIN

Cgc2

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 2ND ALTERNATE  
 3RD ALTERNATE

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CHC2

MERLIN

Cgc2

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 3RD ALTERNATE

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Chc2

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CHD2

CHC2

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Cgc2

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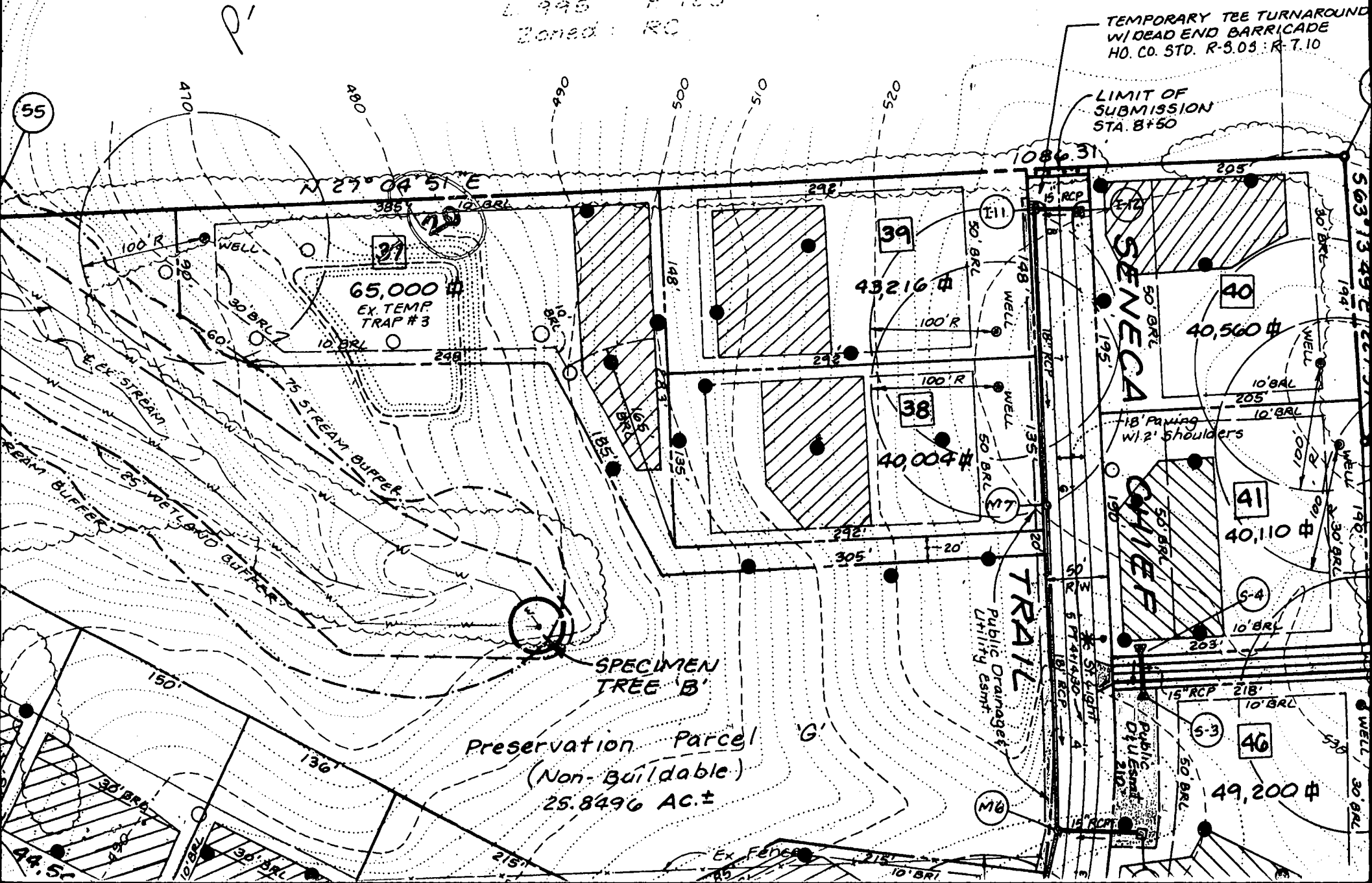
40,018 sq ft

51,171 sq ft

55,540 sq ft

P-98.09

GEORGE A. and GERTRUDE J. GARBUTT  
L. 995 F. 123  
Zoned: RC



TEMPORARY TEE TURNAROUND  
W/ DEAD END BARRICADE  
HO. CO. STD. R-3.05 : R-7.10

LIMIT OF  
SUBMISSION  
STA. 8+50

SENECA

CHIEF

TRAIL

Preservation Parcel G  
(Non-Buildable)  
25.8496 AC. ±

SPECIMEN  
TREE 'B'

Public Drainage  
Utility Estmt.

Public Drainage  
Utility Estmt.

Public Drainages  
Utility Estmt.

M6

55

E11

E12

WELL

WELL

WELL

WELL

E11

E12

WELL

WELL

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WELL

WELL

E11

E12

WELL

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WELL

WELL

WELL

18' Paving  
w/ 2' Shoulders

15' RCP

15' RCP

15' RCP

10' BRL

10' BRL

10' BRL

10' BRL

30' BRL

30' BRL

30' BRL

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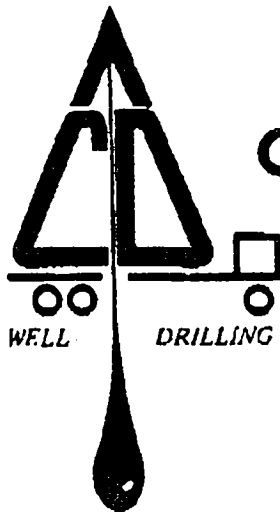
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## Cline & Duvall, Inc.

8093 Hillmark Court  
Frederick, Maryland 21701  
(301) 663-6095

12/11/00 - Spoke to  
Betty Mayne of Joe  
Mayne well drilling.  
Joe Mayne agrees to  
accept these permits.

SRK

December 11, 2000

Howard Co. Health Dept.  
Bureau of Environmental Health  
3525 Ellicott Mills Drive  
Ellicott City, MD 21043-4544  
ATTN: Steve

RE: Brantwood Subdivision

This memo is to inform you that the following  
well permits will be transferred to Joseph Mayne:

Brantwood Sec. 2 Area 1	Brantwood Sec. 2 Area 2
Lot 20 HO-94-2576	Lot 1 HO-94-2601
Lot 21 HO-94-2577	Lot 2 HO-94-2602
Lot 22 HO-94-2578	Lot 3 HO-94-2603
	Lot 4 HO-94-2604
	Lot 5 HO-94-2605
	Lot 6 HO-94-2606
	Lot 9 HO-94-2607
	Lot 10 HO-94-2608
	Lot 12 HO-94-2609

If you have any questions, please contact us.

*Robert L. Cline*

Robert L. Cline  
Cline & Duvall, Inc.

B 1 08173

SEQUENCE NO. (MDE USE ONLY)

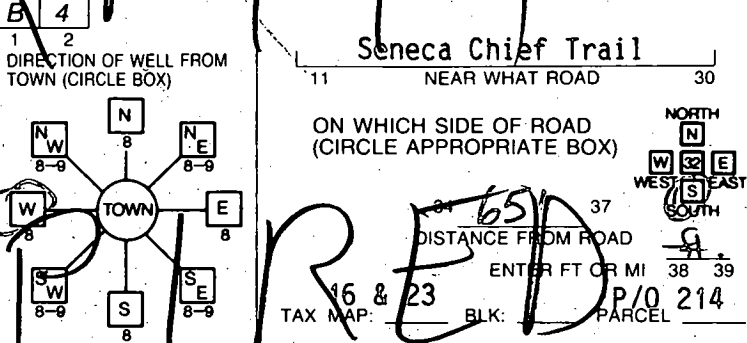
STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER 10-94-2576 fill in this form completely

OWNER INFORMATION Date Received (APA) 01 28 00 Brantwood, L.L.C. 8835 - P Columbia 100 Parkway Columbia, MD 21045

DRILLER INFORMATION Robert I. Cline Cline & Cuvall, Inc. 8093 Hillmark Ct., Frederick, MD 21704

LOCATION OF WELL Howard Brantwood Pine Orchard Seneca Chief Trail



WELL INFORMATION APPROX. PUMPING RATE 5 APPROX. DAILY QUANTITY NEEDED 300

USE FOR WATER (CIRCLE APPROPRIATE BOX) D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION T A G

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard Co A512694U DATE ISSUED 01 31 00 EXP. DATE 01 31 01

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 INCHES

METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTary AIR-PerCussion JETTED ROTARY (Hydraulic Rotary) DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) N THIS WELL WILL NOT REPLACE AN EXISTING WELL S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER 54 PERMIT No. 10-94-2576

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER WRITE THE BOX NUMBER FROM THE MAP HERE

