

LAYOUT 7/2/02 10:00 INSP 4 _____
 INSP 2 8/2/02 Final AM INSP 5 _____
 INSP 3 _____ INSP 6 _____

03-332020

ISSUE DATE: 7/01/2002

P 517340-A

APPROVAL DATE: 8/2/02

A 512694-X

**PERMIT
INDEXED**

**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: 410-499-4457

SUBDIVISION: Brantwood II LOT NUMBER: 22

ADDRESS: 3029 Seneca Chief Trail PROPERTY OWNER: Nantucket Homes/Dorsey

SEPTIC TANK CAPACITY (GALLONS): 1000 OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 3

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 210 HOUSE SERVED BY PUBLIC WATER

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 midway between the two upper easement stakes. Run equal length trenches on contour in both directions.
NOTES:	

PLANS APPROVED: Brian Baker OK 6/11/02 (SC) DATE: 5/02/2002

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

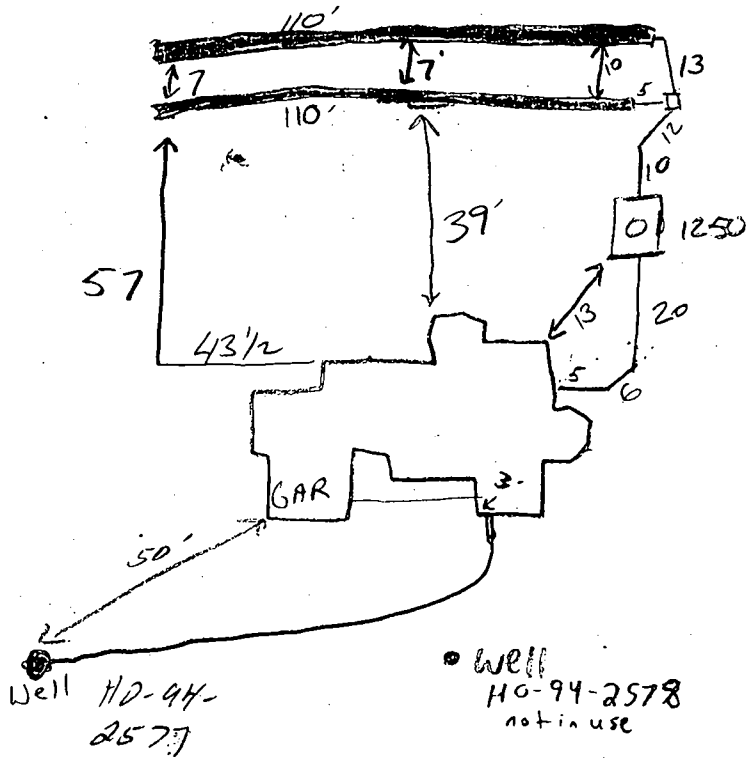
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A512694-X

NOT TO SCALE

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2'	4"
NUMBER OF TRENCHES		2
TOTAL LENGTH		220
ABSORPTION AREA		660 ft ²
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		N/A

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	top
TANK LID DEPTH	2 1/2
BAFFLES	✓
BAFFLE FILTER	N/A
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	N/A
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____



SENECA CHIEF

ROAD

PRE-CONSTRUCTION 7/2/02 Not staked yet. OKAY to relocate tank at side of house. Per MR, OK to run 2x105' trenches AFTER SDA INSTALLATION staked and inspected. Will call 7/5/02 for insp. (KN)

8/2/02 - O.K. to backfill trenches. Contractor added 5 more feet to fields

FINAL INSPECTOR

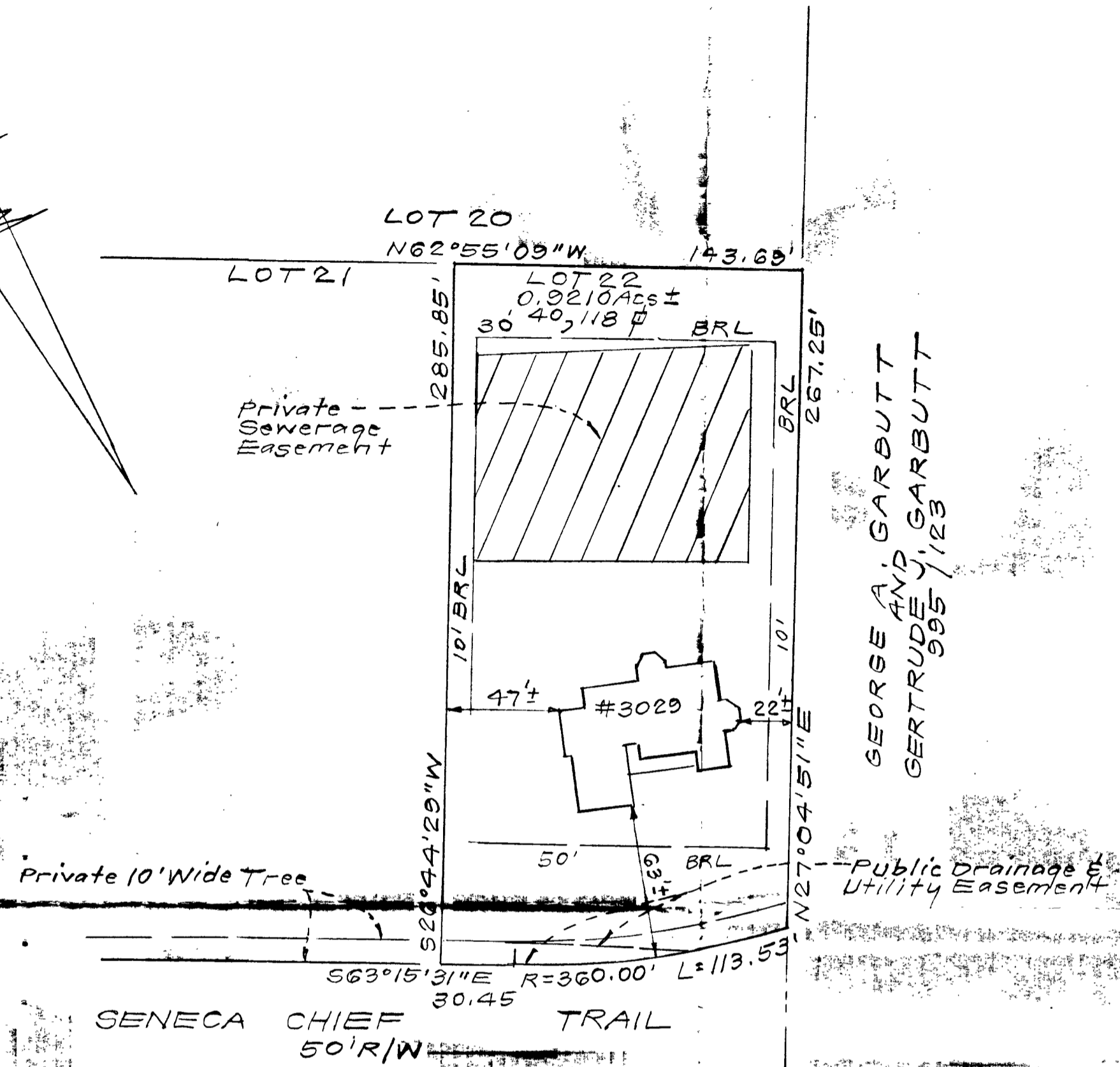
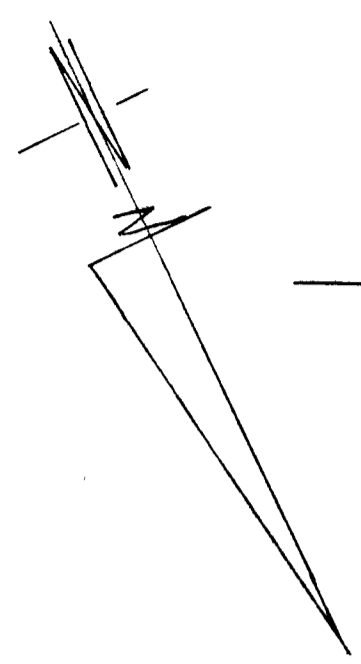
JLKH

DATE OF APPROVAL

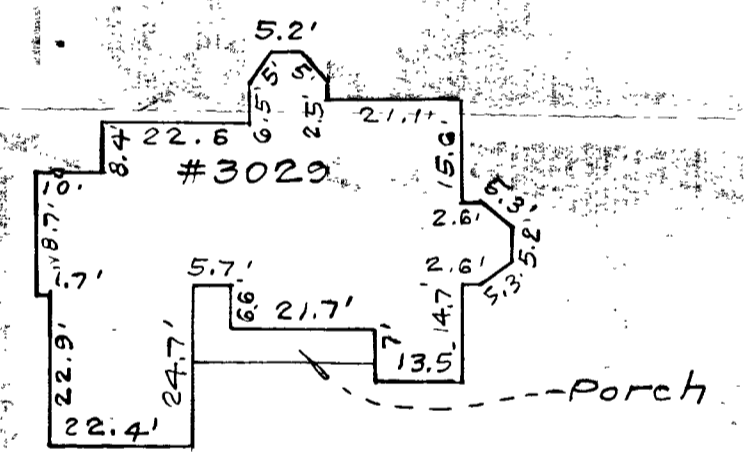
8/2/02

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: 5-30-02
Top of Wall Elev.: 530.3



GEORGE A. GARBUTT
GERTRUDE J. GARBUTT
995 / 123



SCALE: 1" = 30'

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.

7/1/02 -
Wall Check
OK (SRK)

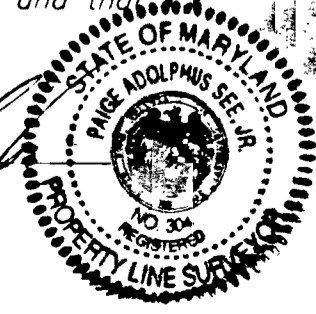
NOTES:

1. The ± setback distance accuracy = 1'.

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 that they are located as shown.

6-4-02
DATE



Plat Reference: PLAT NUMBER 14135

		CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS	
7135 M'NSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.			
DESIGNED	LOCATION DRAWING 3029 SENECA CHIEF TRAIL LOT 22 BRANTWOOD		SCALE 1" = 50'
DRAWN KWC	SECTION TWO AREA ONE LOTS 1 THRU 30 AND PRESERVATION PARCELS 'E' & 'F' A RESUBDIVISION OF PART OF "BRANTWOOD"-SECTION ONE NON-BUILDABLE BULK PARCEL "E"		DRAWING
CHECKED PAS	THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND		JOB NO.
DATE 5-31-02			FILE NO. 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: 1520 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 supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: Waukyet Homes Telephone #: 410 442 8200
Subdivision: Bramwood Lot #: 22 Well Tag #: HO-94-2578
Site Address: 3029 Seneca Chief

Submersible Pump Data

Make: Myres
Model #: _____
Pump Capacity 86PM GPM
Well Yield: 20 GPM
Depth of well encountered at time of pump installation: 285 (feet)

Pitless Adapter

Make: Havard
Model #: _____
Depth: (36" min)
NSF/WSC approved:

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:

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors, Cable guards, or other acceptable method used- Must circle one

Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

Piping to house

Type: Plastic
PSI: (160 psi min)
Depth of supply line: 48 (36" min)

House Connection

PVC sleeve to undisturbed soil at wall penetration:
Approximate length of sleeve: 5 ft
Sleeve caulked and sealed properly:

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] Signature of company representative responsible for installation 11-9-02 date

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

Date Insp. Requested: 7/18/02 Date Insp. Approved: 7/18/02 Inspector: (50) SRK

Inspection Data: Pitless adapter watertight & 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 not seen outside of well cap/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

C 1 07624

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A 512694W

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 285'

OKSRK 11/7/01

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-2577

OWNER Brantley LLC Seneca Chief Trail TOWN Ellicott City SUBDIVISION Brantwood SECTION 211 LOT 22

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

GROUTING RECORD form including fields for WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form including fields for casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth of main casing.

OTHER CASING (if used) form including diameter and depth fields.

SCREEN RECORD form including screen type or open hole, insert appropriate code below, and depth (nearest ft.) table.

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

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

NUMBER OF UNSUCCESSFUL WELLS and WELL HYDROFRACTURED fields.

CIRCLE APPROPRIATE LETTER A, E, P for well status.

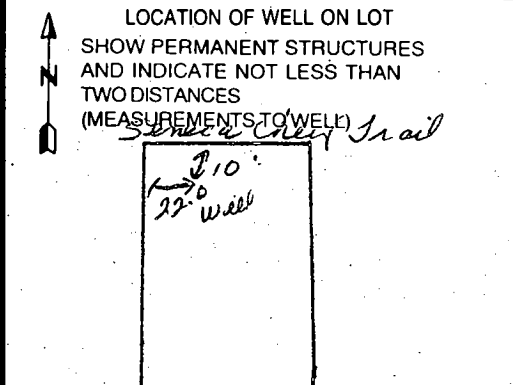
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 MSD024, DRILLERS SIGNATURE, LIC. NO. 1 D

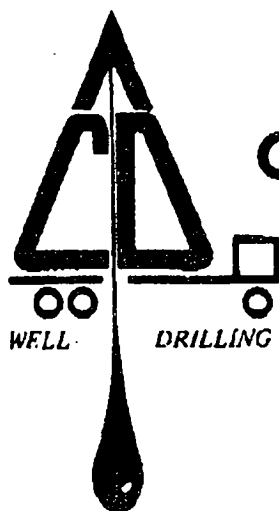
DEPTH (nearest ft.) table and SLOT SIZE 1, 2, 3 fields.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T, W Q



SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE CASING, LOG INDICATOR, OTHER DATA



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.

SRU

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

10/15/02

Lot 22

Lot 21

KN

If you have any questions, please contact us.

Robert L. Cline

Robert L. Cline
Cline & Duvall, Inc.

BRANTLY

25th Anniversary 1975-2000

Hugh F. Cole, Jr.
Chairman

John F. Liparini
President & CEO

December 11, 2000

Ms. Amy McMillen
Howard County Health Department
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

Re: Brantwood Well Permits

Amy,

I am writing to inform you that we are going to transfer well permits for Lots 20, 21 & 22 in Section 2.1 and Lots 1 & 12 in Section 2.2. The permits are currently held by Cline and Duvall. We are transferring them to Joseph Mayne. We plan to start drilling Thursday or Friday of this week.

Please contact me at 410-977-0578 should you have any questions or comments. Thank you for your cooperation.

Sincerely,



Nicholas Liparini, for BWLLC

cc: Joseph Mayne

Brantly Development Group, Inc.
Real Estate Development

8835-P Columbia 100 Parkway Columbia, Maryland 21045 • (410)730-0810 Baltimore (301)596-4011 Washington (410)715-0681 Fax

OWNER INFORMATION
 Date Received (APA) **01 28 00**
 8 MM DD YY 13
Brantwood, L.L.C.
 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

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

DRILLER INFORMATION
Robert L. Cline M W D **139**
 Driller's Name 76 License No. 81
Cline & Duvall, Inc.
 Firm Name
8093 Hillmark Ct, Frederick, MD 21704
 Address
Robert L. Cline **1/24/00**
 Signature Date

Seneca Chief Trail
 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH
 WEST SOUTH EAST
 34 34 37
 DISTANCE FROM ROAD ft.
 ENTER FT OR MI 38 39
 TAX MAP: **16 & 23** BLK: _____ PARCEL **P/O 214**

WELL INFORMATION
 B 2 APPROX. PUMPING RATE **5**
 1 2 (GAL. PER MIN.) 8 12
 AVERAGE DAILY QUANTITY NEEDED **300**
 (GAL. PER DAY) 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard Co **A512694W**
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE _____ INSERT S →
 DATE ISSUED **01 31 00** *A. M. Wall* **01 31 01**
 43 MM DD YY 48 CO SIGNATURE EXP. DATE
 NORTH GRID **520 000** EAST GRID **820 000**
 50 55 57 63

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

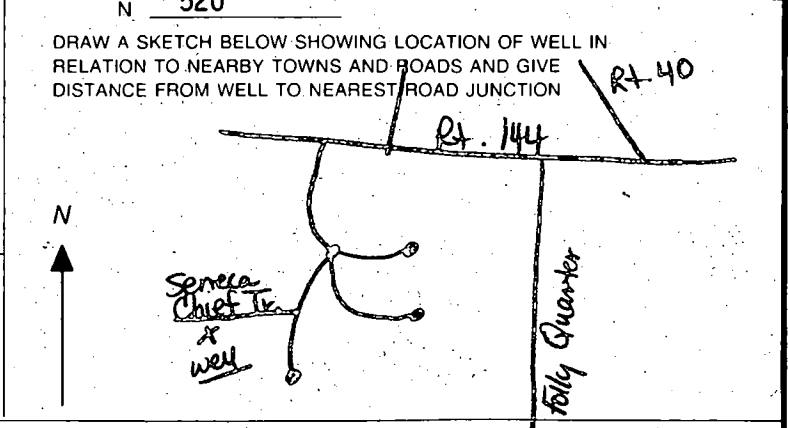
APPROXIMATE DEPTH OF WELL **250** FEET
 24 28
 APPROXIMATE DIAMETER OF WELL **6** INCH
 NEAREST TOWN

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
 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

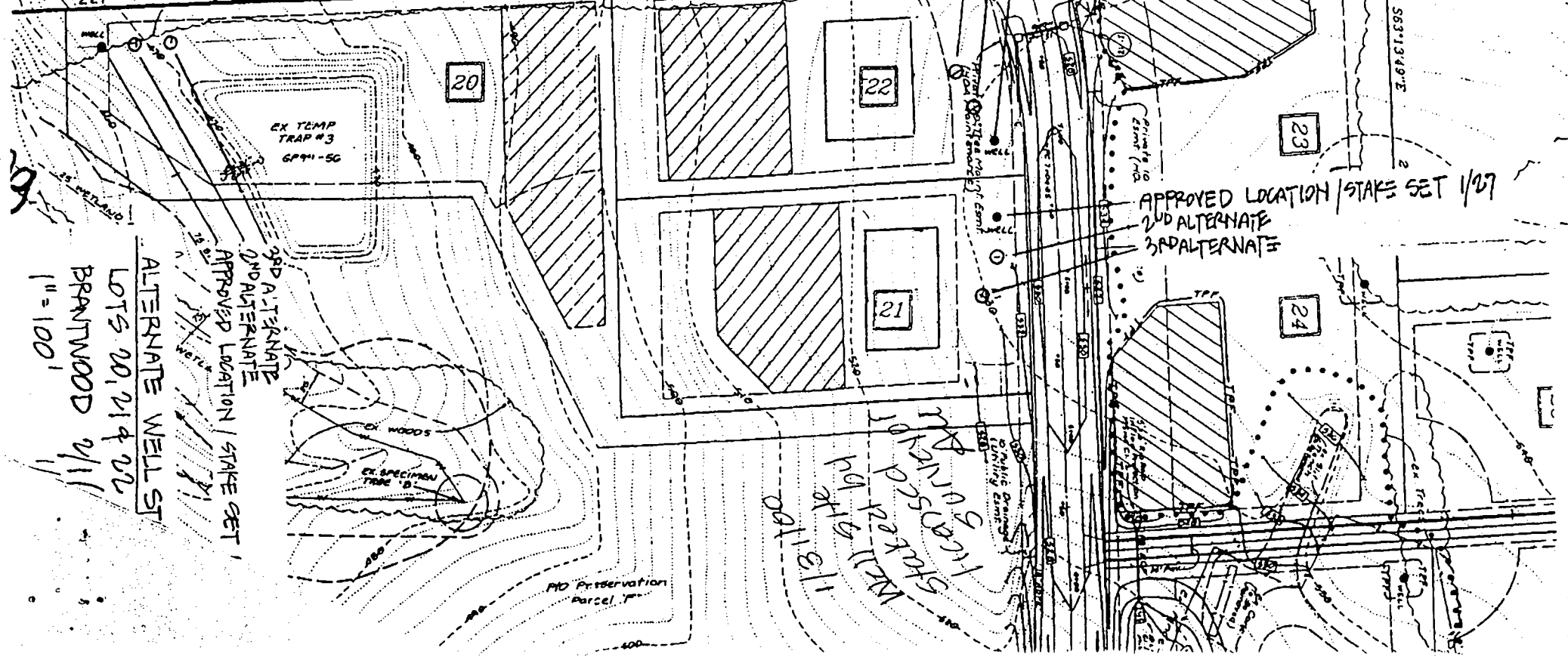
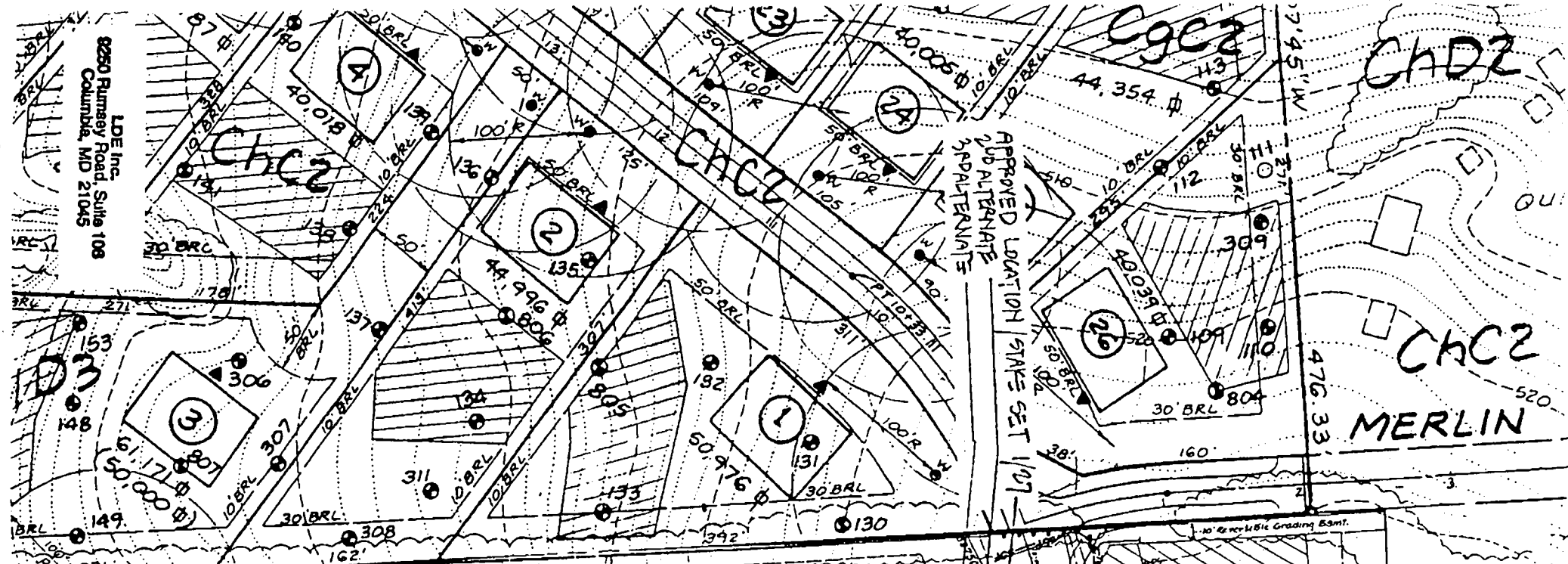
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR-ROTary REVERSE ROTARY (Hydraulic Rotary)
 37 CABLE REVERSE-ROTary DRIVE-POINT
 other _____

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 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROP. PERMIT NUMBER 54 _____ GAP _____ 63
 PERMIT No. **HO-94-2577**
 70 71 72 73 74 75 76 77 78 79



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



ALTERNATE WELL ST
LOTS 20, 21, 22
BRANTWOOD 2/11
1" = 100'

C 1' 07625 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. OK SRK 1/7/01 COUNTY NUMBER A512694X

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED 12 15 00

Depth of Well 225 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2578

OWNER Brantly LLC STREET OR RFD Seneca Chief Trail TOWN ELLICOTT CITY SUBDIVISION Brantwood SECTION 211 LOT 222

WELL LOG Not required for driven wells

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Sand, Gray Mica Rock.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 14 NO. OF POUNDS 1316

CASING RECORD casing types insert appropriate code below

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 64

Table for OTHER CASING (if used) with columns for diameter and depth.

SCREEN RECORD screen type or open hole (insert appropriate code below)

Table for DEPTH (nearest ft.) with columns for casing sections and slot size.

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

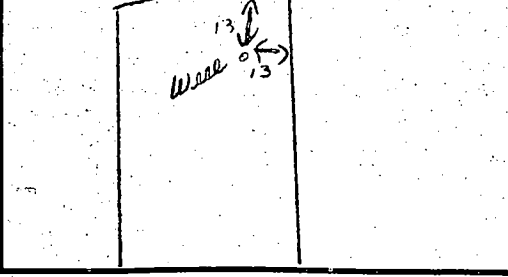
PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 10 METHOD USED TO MEASURE PUMPING RATE Bucket

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

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



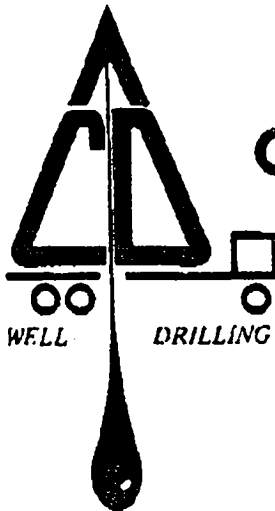
NUMBER OF UNSUCCESSFUL WELLS: 2 WELL HYDROFRACTURED YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. 1 MS DO 24 DRILLERS SIGNATURE Joseph P. Maime LIC. NO. 1 D

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



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

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well permits will be transferred to Joseph Mayne:

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	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 08175

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2578

fill in this form completely

Date Received (APA)

01 28 00

OWNER INFORMATION

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

B 3

LOCATION OF WELL

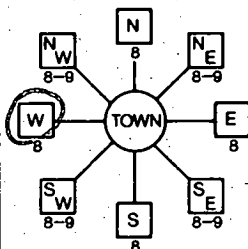
Howard Brantwood SECTION 2 LOT 22 Area 1 Pine Orchard

DRILLER INFORMATION

Robert L. Cline M W D 139 Cline & Duvall, Inc. 8093 Hillmark Ct., Frederick, MD 21704

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Seneca Chief Trail ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 34 ft. ENTER FT OR MI 16 & 23 TAX MAP: BLK: PARCEL P/O 214

B 2

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 300 GAL. PER DAY

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 A512694X COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 013100 A McMill 013101 CO SIGNATURE EXP. DATE NORTH GRID 520 000 EAST GRID 820 000

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

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)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

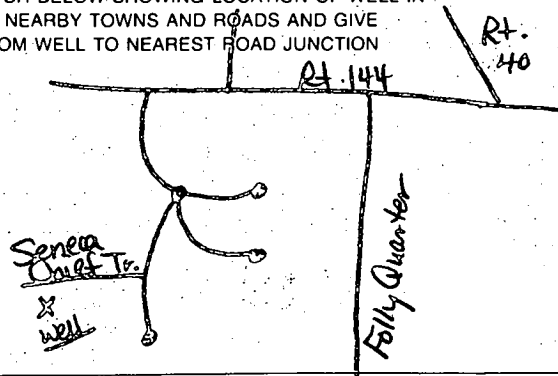
- SOURCES OF DRILLING WATER 1. well 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

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)

APPROX. PERMIT NUMBER 54 G A P 63 PERMIT No. HO-94-2578

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

BRANTLY
25th Anniversary 1975-2000

Hugh F. Cole, Jr.
Chairman

John F. Liparini
President & CEO

December 11, 2000

Ms. Amy McMillen
Howard County Health Department
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

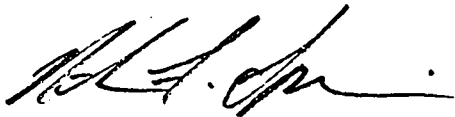
Re: Brantwood Well Permits

Amy,

I am writing to inform you that we are going to transfer well permits for Lots 20, 21 & 22 in Section 2.1 and Lots 1 & 12 in Section 2.2. The permits are currently held by Cline and Duvall. We are transferring them to Joseph Mayne. We plan to start drilling Thursday or Friday of this week.

Please contact me at 410-977-0578 should you have any questions or comments. Thank you for your cooperation.

Sincerely,



Nicholas Liparini, for BWLLC

cc: Joseph Mayne

Brantly Development Group, Inc.
Real Estate Development

8835-P Columbia 100 Parkway Columbia, Maryland 21045 • (410)730-0810 Baltimore (301)596-4011 Washington (410)715-0681 Fax

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 Fenger Family

ADDRESS _____ PHONE _____

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

ADDRESS 3243 Bethany Lane Ellicott City 21042 PHONE 313-8808

PROPERTY LOCATION:

SUBDIVISION Fenger Property LOT NO. 7074

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

1217 1219

0' orange
brn
SiClm

3.5' lgt
orange
Salm
strong
structure

10' lgt tan
to grey
Salm
100%
decayed
shale

12.5'

1218

orange
yellow
SiClm

2' red to
pink
Salm
micaceous

5'

50%
decayed
shale

11' very lgt
yellow
Salm

12'

1216

lgt
orange
SiClm

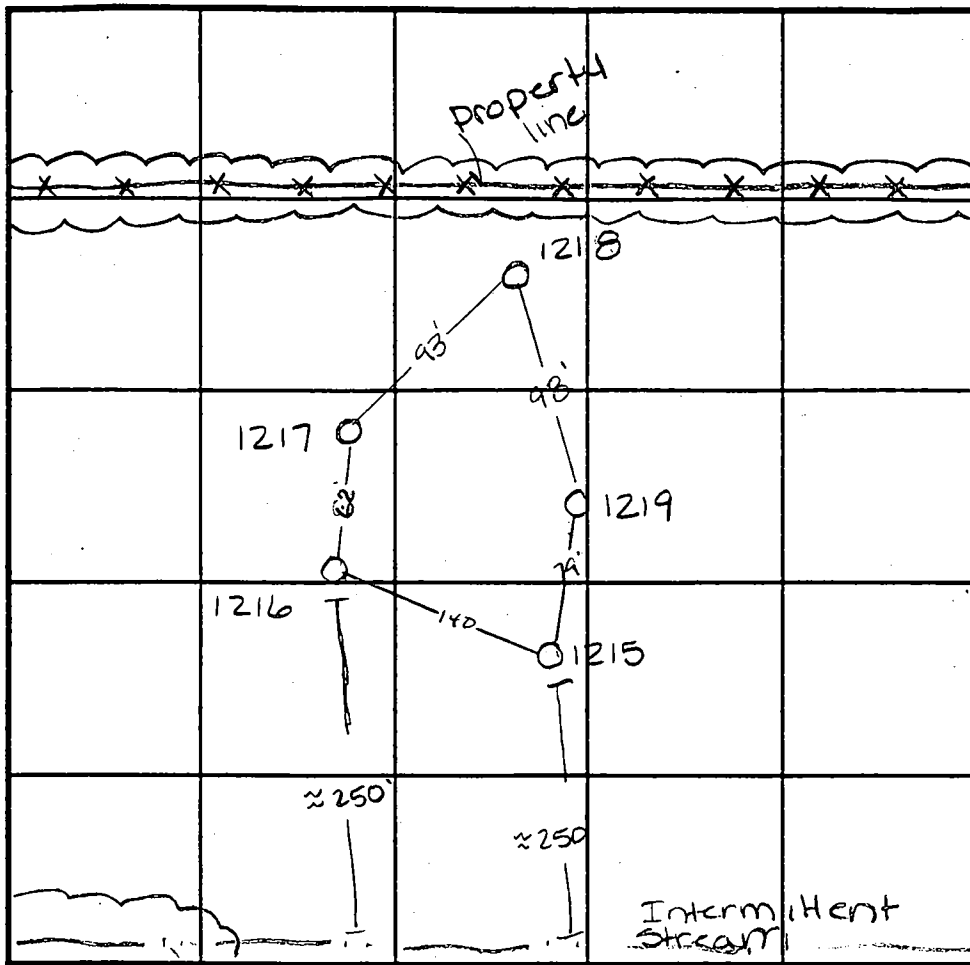
1' red
SiClm

2' yellow
orange
to red
Salm

10'

lgt brn
to grey
Salm
100%
decayed
saprolite

12'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

1215

orange
brn
SiClm

50%
strong platy
struct. not
decayed
quartzite

3' medium
brn Salm
15% decayed
mica shale

12' mottled
Salm
orange:
white

13'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-20-95	1217	4' v12.5	11:12 ¹⁵	>30	min	—	slow
	1219	3' v13	11:20 ³⁰	11:29	11:29	11:40	11 min
	1218	3' v12	11:23	11:25 ⁴⁵	11:25 ⁴⁵	11:28	2 1/4 min
	1216	Visual to 12'	see profile		—		OK
	1215	3' v13	10:47	10:48	10:48	10:49	1 min
	1215	7' v13	10:49	11:00	11:00	11:15	15 min

REMARKS _____

TYPE OF SOIL _____

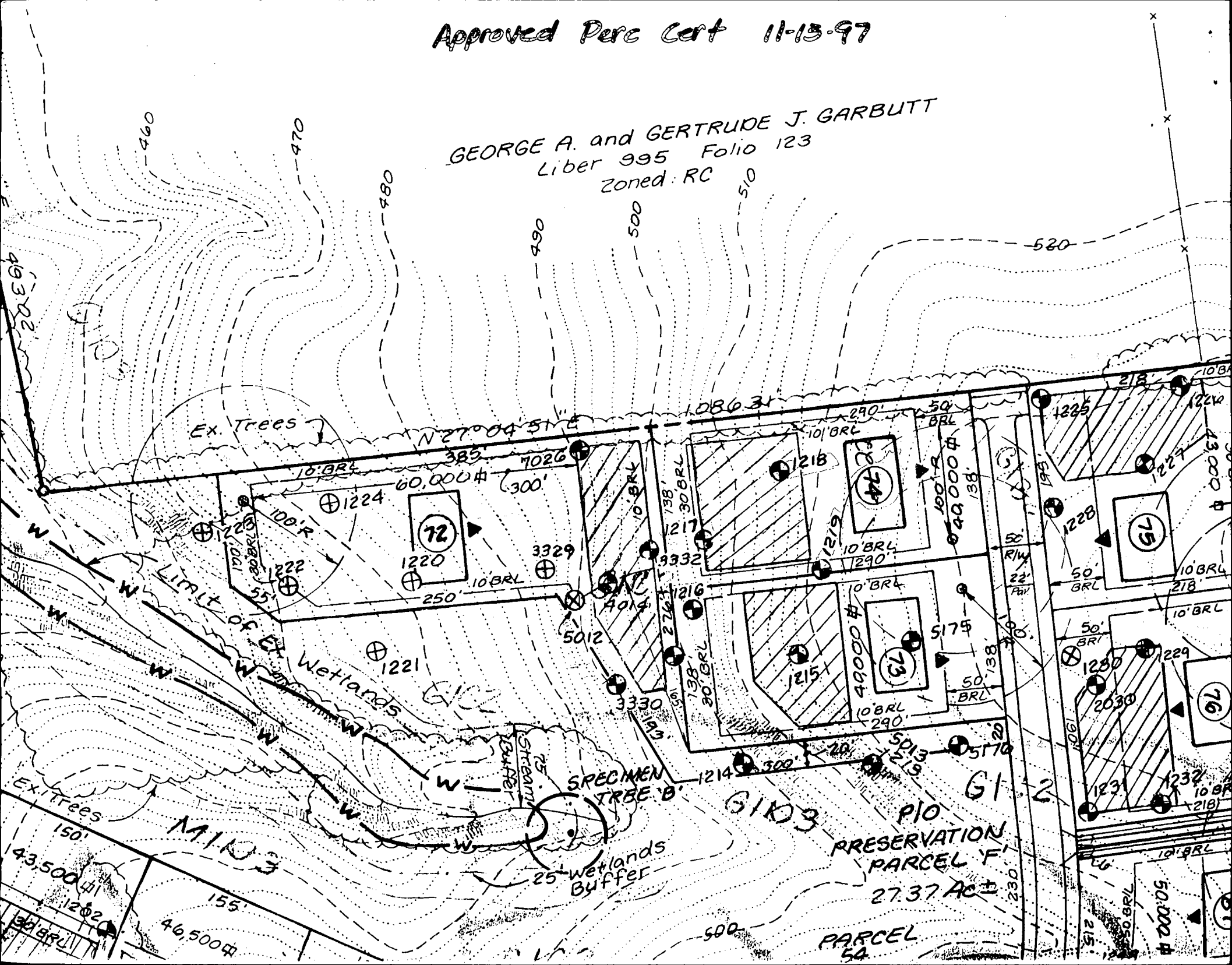
TESTED BY Amy McMillen ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

Approved Perc Cert 11-13-97

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

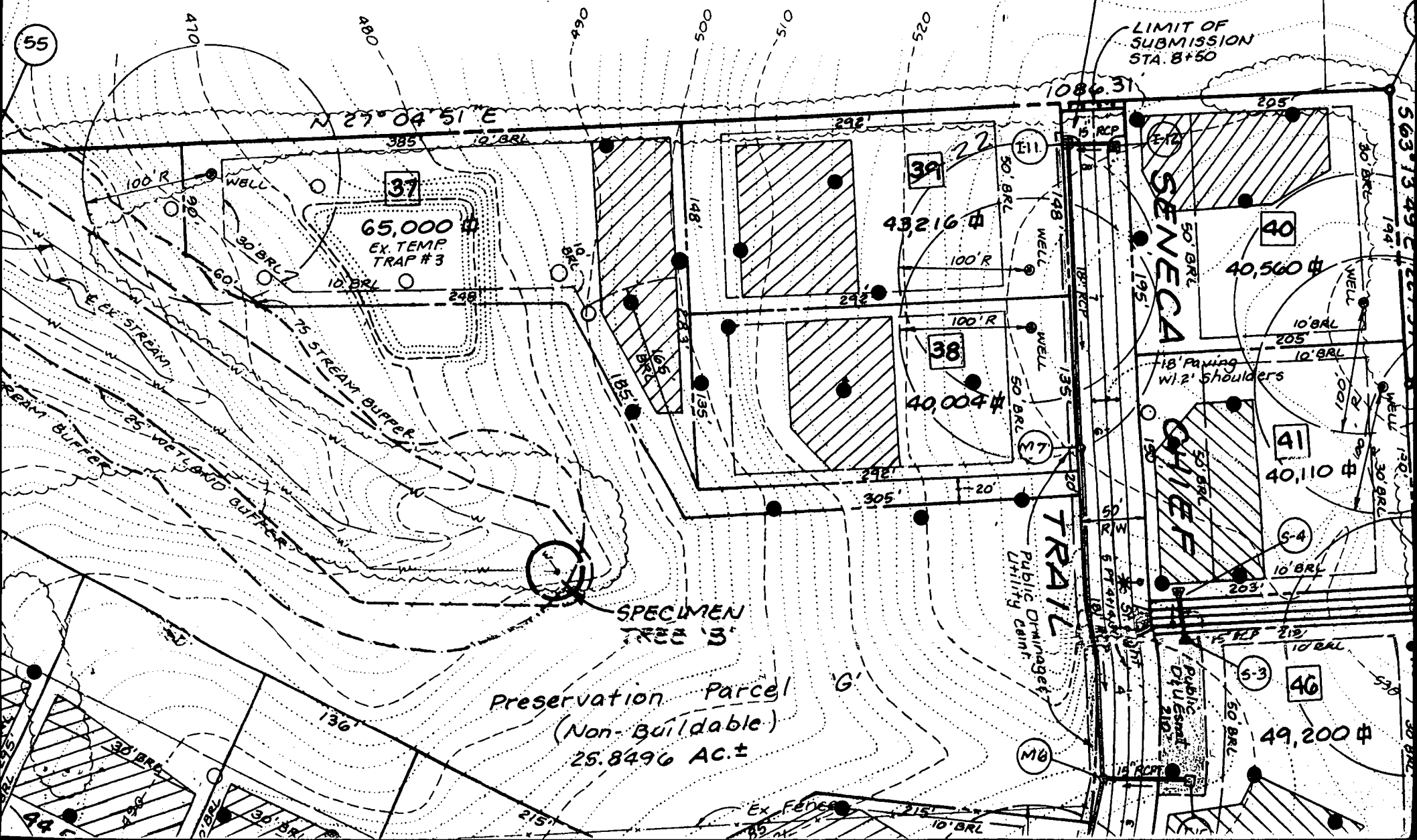


P-98-09

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

TEMPORARY TEE TURNAROUND
W/ DEAD END BARRICADE
HO. CO. STD. R-3.03: R-7.10

LIMIT OF
SUBMISSION
STA. 8+50



ERS
214

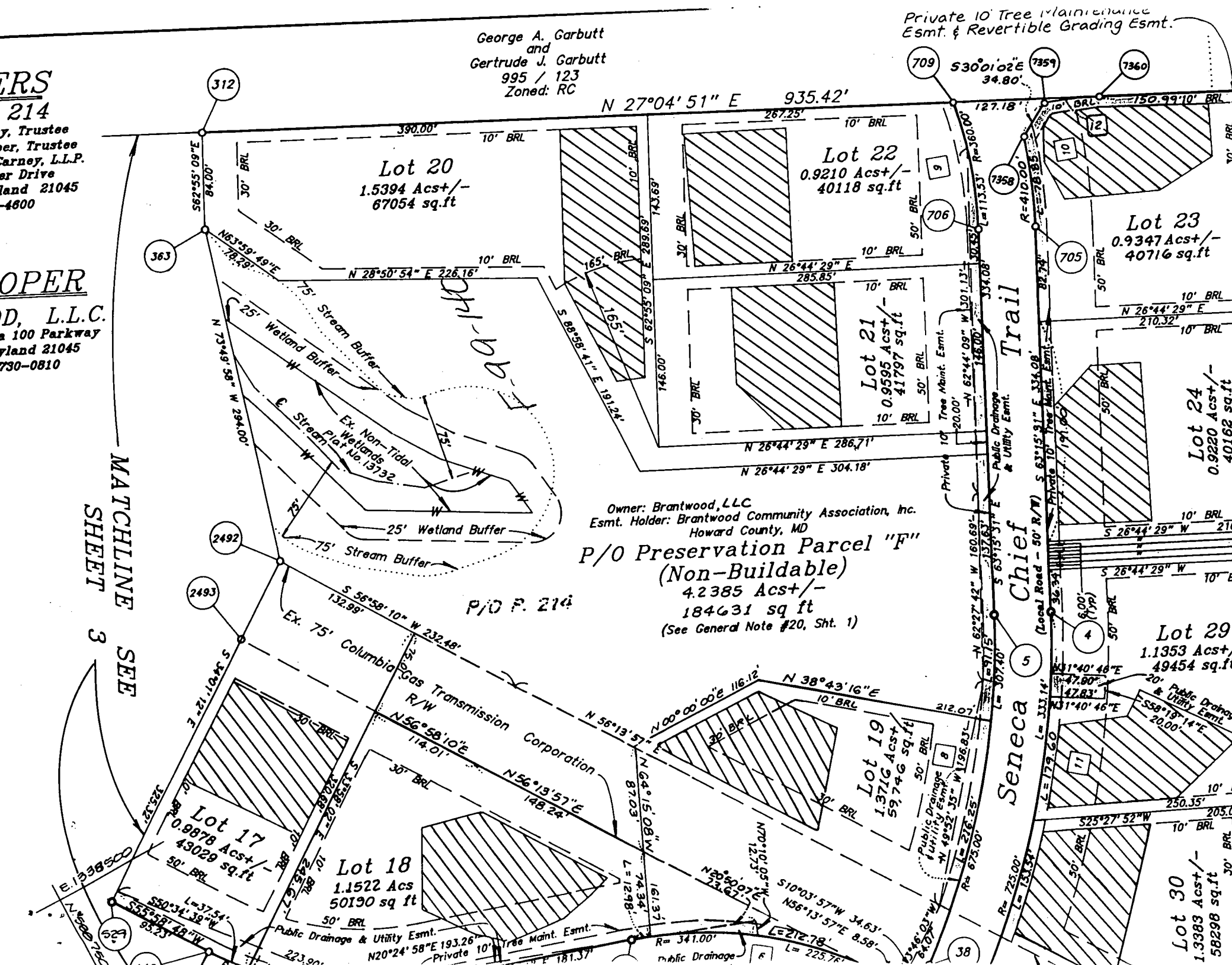
oy, Trustee
ber, Trustee
Carney, L.L.P.
ter Drive
yland 21045
0-4800

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

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

Private 10' Tree Maintenance
Esmt. & Revertible 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)