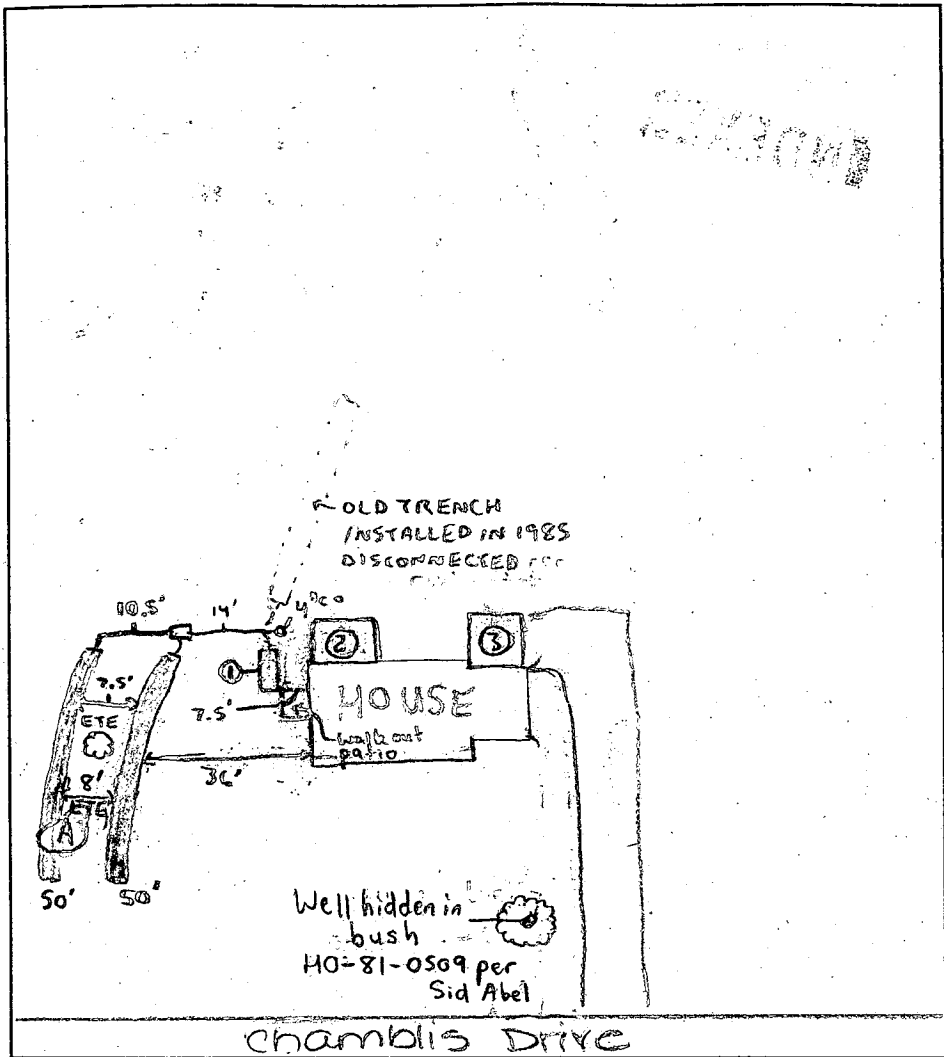


NOT TO SCALE

15-20% 420g	5-11 3/4	10-12 3/4	10-12 3/4
----------------	-------------	--------------	--------------



TRENCH DATA	
TRENCH WIDTH	2
TRENCH INLET DEPTH	4
TRENCH BOTTOM DEPTH	9
DEPTH OF STONE	5
NUMBER OF TRENCHES	2
TOTAL TRENCH LENGTH	100
ABSORBENT AREA	500
DISTRIBUTION BOX LEVEL	<input checked="" type="checkbox"/>
BAFFLE IN DISTRIBUTION BOX	<input checked="" type="checkbox"/>

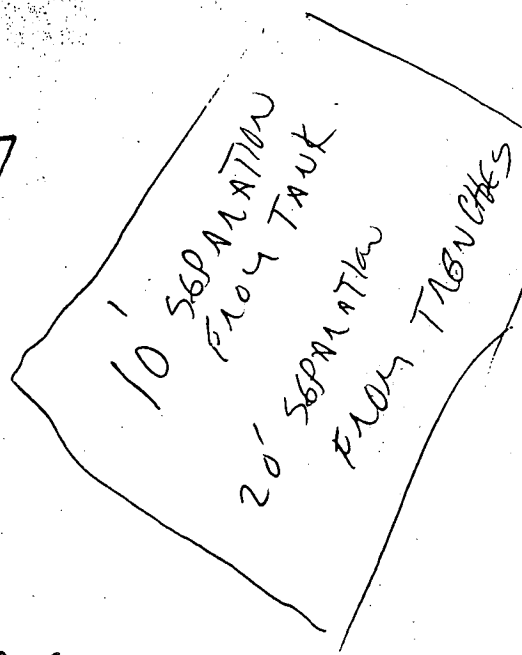
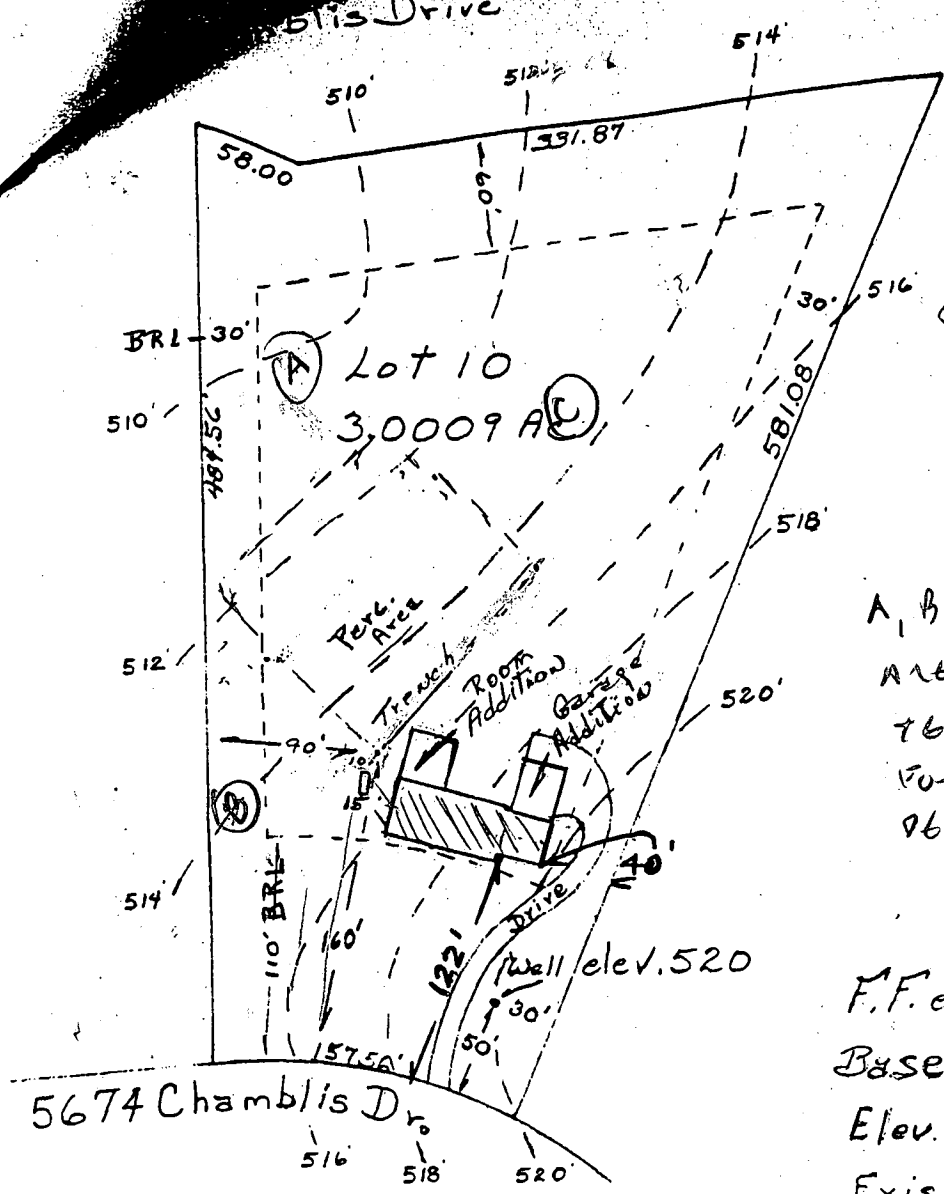
SEPTIC TANK DATA	
Existing SEPTIC TANK	1000 GALLONS
MANHOLE RISER	None
6 INCH INSPECTION PORT	None
4 INCH AFTER TANK	<input checked="" type="checkbox"/>
PUMP CHAMBER DATA	
PUMP CHAMBER GALLONS	N/A
MANHOLE RISER	N/A
ALARM	N/A
PUMP PERFORMANCE TEST	N/A

PRE-CONSTRUCTION INSPECTION: _____

INSPECTION COMMENTS: 4/28/00 - OK TO INSTALL BOTH TRENCHES TOWARDS FRONT OF LOT, EXISTING SEPTIC TANK IS 7.5' TO HOUSE & ADDITION ① NOT BUILT 10' AWAY FROM EX. SEPTIC TANK. TRENCH (INSTALLED IN 1985) DISCONNECTED, OK TO CONTINUE WORK, WELL HAS OLD 1 PIECE CAP WITH SAFETY ROPE WRAPPED AROUND CASING, TAG ON WELL BUT BARELY VISIBLE BECAUSE OF SURROUNDING BUSH (SRW) 4/28/00 - OK TO COVER ALL WORK ② AND ③ ARE LOCATIONS OF PROPOSED ADDITIONS (SRW)

INSPECTOR Steven R. King DATE SYSTEM APPROVED 4/28/00

Water Estates
 Chamblis Drive



A, B, C
 ARE SUGGESTED
 TEST LOCATIONS
 FOR POTENTIAL EXPANSION
 DEPENDING ON SITE CONDITIONS.

F.F. elev.	522'
Base elev.	513'
Elev. at time of perc.	515'
Exist. elev. at Trench	515'
Elev. of sewer at house	512'
Elev. at Tank In.	511.5'
Elev. at Tank out	511.2'
Elev. at Trench INV.	511'

WELL ELEV 520

Linda Welsh
 5674 CHAMBLIS DRIVE
 CLARKSVILLE, MD 21029

ELEVATIONS OK 4/10/85 CW

Scale 1" = 100'

I certify that all drawings and notes are correct to this property.

Ronald [Signature]

3/1/00
1:30

APPLICATION

PERCOLATION TESTING

A _____
P 513281

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

*Previous OK
Proposed ADJUSTMENT
TO RECONSTRUCT ANSA
& INSTALL SYSTEM
RE: PROPOSED ADDITION
B00120594 CW*

DISTRICT _____
DATE _____

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 Linda Walsh

ADDRESS 5674 Chamblis Dr. PHONE (301) 725 5772

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Broadwater Estates LOT NO. 10

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3 Acres TYPE BLDG. Addition
(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. Wayne E. Sander
(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'

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	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

approved 6/12/85
Stayed
P 35265
A 29003

5/10/85
6/14/85
anytime
ready now
WPE
PERMIT
SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 5th
DATE 4/10/85

INDEXED

June 17-18 - WPE No work started JS

Souder Builders, Inc. IS PERMITTED TO INSTALL ALTER
ADDRESS 9335 Old Scaggsville Road, Laurel, MD 20707 PHONE _____
SUBDIVISION Broadwater Estates ROAD 5674 Chamblis Drive LOT 10
PROPERTY OWNER ~~Ray Kinter~~ Lewis and Linda Walsh
ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe. LOCATION: Start the first trench 160 feet from the front lot line and 90 feet from the left lot line as seen when facing the lot from Chambliss Drive. Run trench(s) along level ground toward right rear corner of lot. NOTE: No Trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

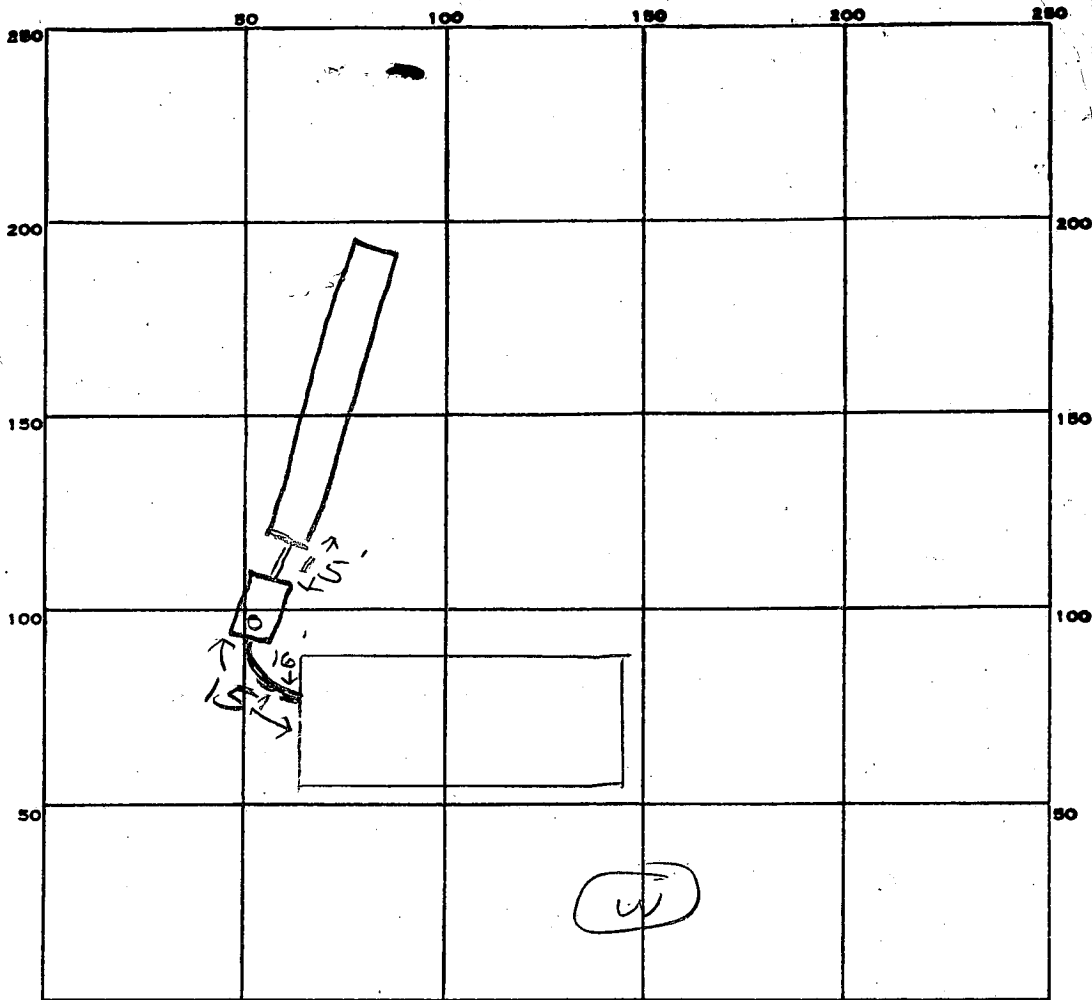
SOIL BERM NOTED AND REFINED
3/27/2000
Serial# B00120994
addition Bedroom Bath and 3 car garage

PLANS APPROVED BY C. Williams DATE 11/1/84

- COVER NO WORK UNTIL INSPECTED AND APPROVED.
- NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
- NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.
- NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.
- PERMIT VOID AFTER THREE YEARS.
- NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

A 29003



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Chambler Dr.

PERMIT CARD _____

SEPTIC TANK, LEVEL 1000 gal CLEANOUTS ST

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 IN. TOTAL LENGTH 105 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 525

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 525 SQ. FT.

REMARKS 6/10/85 OK to add stones in trench. J
6/12/85 OK to cover all work. J

DATE SYSTEM APPROVED 6/12/85 INSPECTOR Stayer

Free

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 29003

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE 10/11/78

See attached sheet for specs

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Arlie W. Broadwater

ADDRESS 5435 Broadwater Lane, Clarksville, Md. 21029 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Broadwater Lane LOT NO. 10

ROAD AND DESCRIPTION off Broadwater Lane

SIZE OF LOT 3.4 acres m/l TYPE BLDG. 3 or 4 bedrooms

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.

SIGNATURE OF APPLICANT /s/ Jack T. Gibson

APPROVED BY C. B. Stecker FOR Dry Well + low DATE 1/7/80

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED AND RETURNED 4/10/85
Serial # 645715FD

BLDG. PERMIT SIGNED AND RETURNED 11/16/84
Serial # 41848

THIS IS NOT A PERMIT

B 1 **3009** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

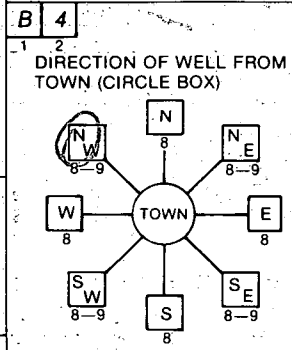
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

OEP PERMIT NUMBER
40-81-0509
 fill in this form completely

Date Received **5/9/84 9:30 AM**
 OWNER INFORMATION
041684
KIBLER RAY
8528 RESERVOIR ROAD
FULTON MD

B 3 LOCATION OF WELL
HOWARD COUNTY
BROADWATER ESTATES SUBDIVISION
 SECTION **10** LOT **10**
CLARKSVILLE NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **1 3/8** M I

DRILLER INFORMATION
Joseph L. MAYNE Driller's Name
238 License No. 80
Joseph L. Mayne Well Drilling Firm Name
5512 Ridge Rd. Mt. Airy, Md. 21771 Address
Joseph L. Mayne Signature
4/16/84 Date



Chambles Dr. NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **50** FT
 ENTER FT or MI **FT**

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
A 29003 COUNTY NO.
 OEP SIGNATURE **Frank Sherris** STATE HEALTH INSERT S
 DATE ISSUED **10/24/84**
 NORTH GRID **505000** EAST GRID **0811000**

APPROXIMATE DEPTH OF WELL **200** FEET

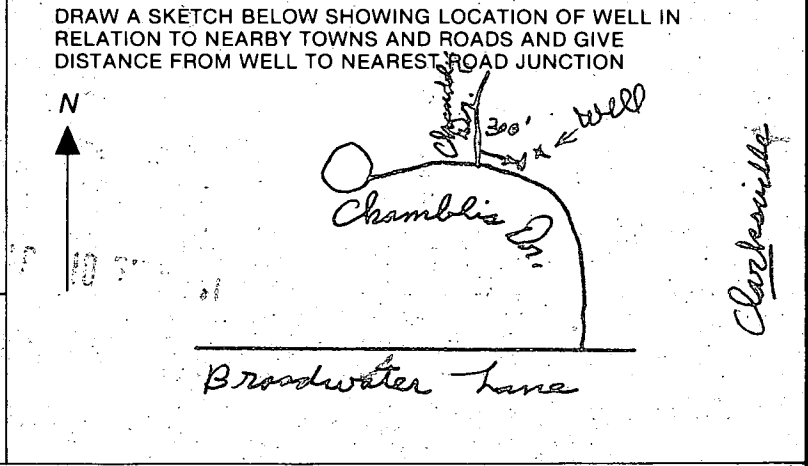
APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

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

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 **810 0**
 N **500 5**

LOCATION OK
 65 FT CASING
 1 FT ABOVE GR.
 55' + OPEN
 14 BAGS CEMENT
 5/9/84 CW

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
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER **G A P**
 FORCE **FS** WRITE INITIALS IN BOX PERMIT No. **40-81-0509**

SPECIAL CONDITIONS

C1 3426 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A

DATE RECEIVED DATE WELL COMPLETED 050987 Depth of Well 320 PERMIT NO. 40-81-0507

OWNER Kibler last name Chamblis Drive first name Ray TOWN Clarksville SUBDIVISION Broadwater Estates SECTION LOT 10

WELL LOG table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Includes entries for BROWN SHALE, SAND, and GRAY MICACIOUS ROCK.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 14, NO. OF POUNDS: 1316

CASING RECORD: MAIN CASING TYPE: ST (STEEL), Nominal diameter: 6, Total depth: 65

OTHER CASING (if used): diameter, depth

SCREEN RECORD: screen type or open hole: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

DEPTH (nearest ft.) table with columns for depth intervals and slot size information.

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 238, DRILLERS SIGNATURE: Joseph P. Maize

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

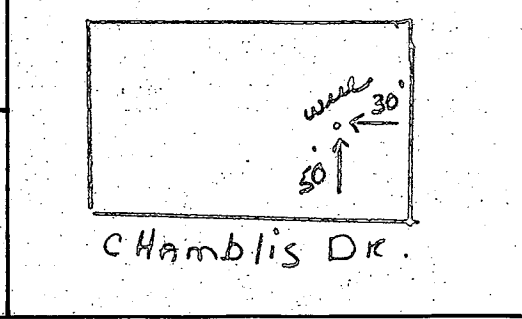
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T, WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED: 6, PUMPING RATE: 2, METHOD USED TO MEASURE PUMPING RATE: bucket, TYPE OF PUMP USED: S (submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED: S, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

LOCATION OF WELL ON LOT: SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0509
 Location of property (road) Chamblis Drive
 Subdivision Broadwater Estaks Lot 10 Block Plat Sec.
 Well Driller Joseph L. Mayne Owner Ray Kiblev

Depth of well 320
 Distance of measuring point (M.P.) above ground 1
 Static water level (S.W.L.) below M.P. 40

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 10
 Total time 30 min. to reach pumping water level 153 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill \$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:15	97	6		10
8:30	153	6		10
8:45	153	25		22
9:00	154	25		25
9:15	155	25		25
9:30	155	30		2
9:45	155	30		2
10:00	155	30		2
10:15	155	30		2
10:30	155	30		2
10:45	155	30		2
11:00	155	30		2
11:15	155	30		2
11:30	155	30		2
11:45	155	30		2
12:00	155	30		2
12:15	155	30		2
12:30	155	30		2
12:45	155	30		2
1:00	155	30		2
1:15	155	30		2
1:30	155	30		2
1:45	155	30		2
2:00	155	30		2

AGE & UTILITY
MENT

OTHER LAND OF
ARLIE & MARY MARGIE BROADWATER
173/558, 938/345, 430/218

Ray Kubler
8228 Reservoir Rd.
Fulton Md.

498-3657

N 53° 33' 38" W 76.00'
1800'
58.00'

N 85° 27' 08" W
331.87'

17
3.0009 Acs

484.56'
N 12° 29' 12" E

581.08' (RAD.)
N 35° 34' 52" E

DRIVE
SEE SHEET 2 OF 5

9/24/84
Well site OK
R.S.

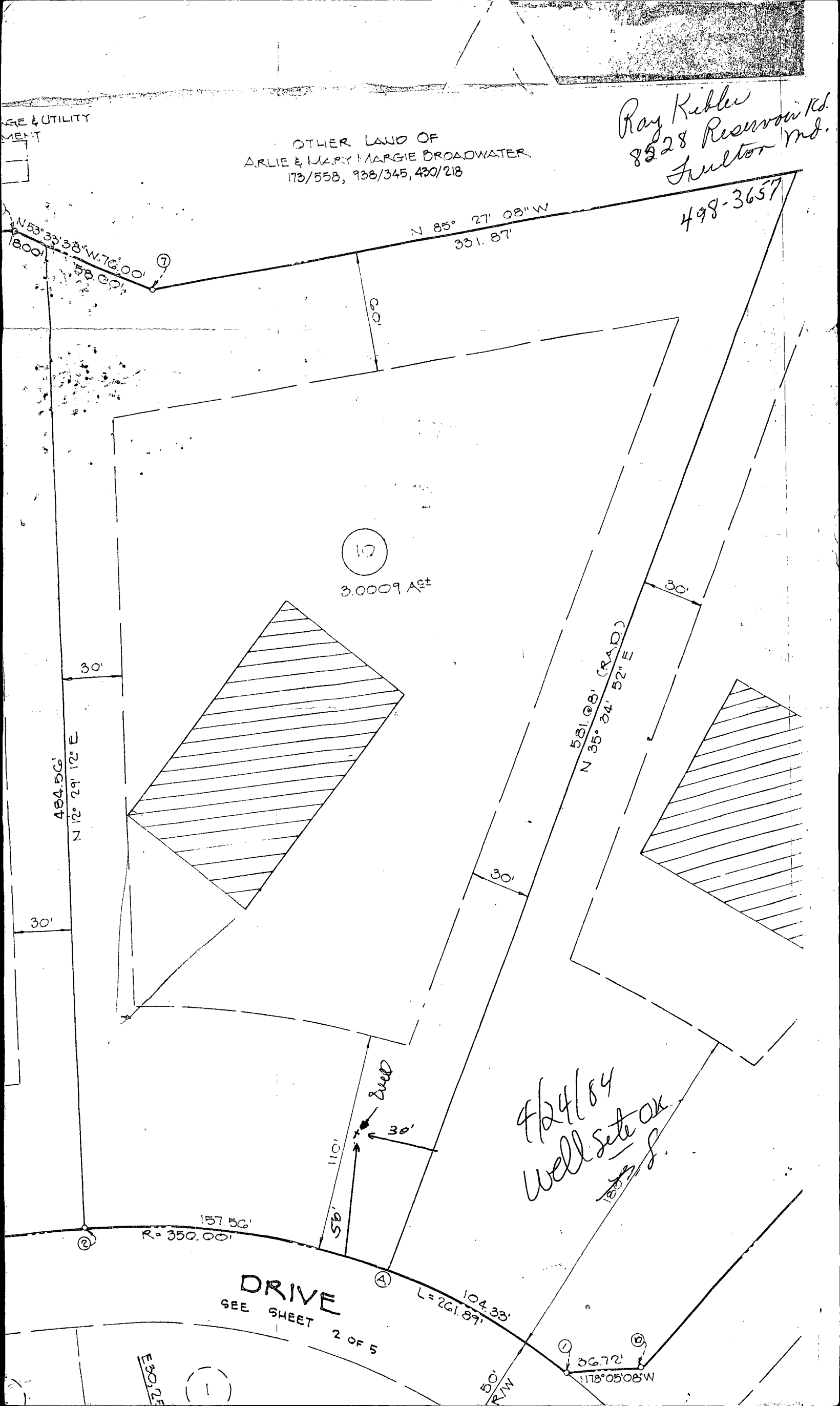
157.56'
R=350.00'

104.33'
L=261.89'

36.72'
N 178° 05' 08" W

530.72'

50' R/W



6/18/85 W.P.I.

Howard County, Md. Dept.
P. O. Box 476
Ellicott City, Maryland 21043

W E L L P U M P I N S P E C T I O N

Owner's Name: Lewis & Linda Walsh

Address: 5674 Chamblis Drive
Clarksville, Maryland 21029

Location of Property: Lot #10 Block 22, Broadwater Estates
5674 Chamblis Drive Well Tag Number;
Clarksville, Maryland 21029

Plumber or Certified Pump Installer: Michael J. Kastner, Jr.
Kastner Plumbing & Heating, Inc.
13556 Argo Drive
Dayton, Maryland 21036

Phone Number: 725 5000

License Number: 1862

Receipt Number: 35437

Date: 5/7/85

Comments: OK TO PROCEED WITH PUMP INSTALLATION 5/7/85 CWL

Inspection: 6-24-85
PIPING 4' BELOW GRADE
WELL LINE 3.5 - 4.0' BELOW GRADE
PRESSURE TANK NOT YET INSTALLED
WELL TAG PRESENT.
SAB

Date Well Pump Inspection was approved:

Inspector:

October 9, 1985

Souder Builder
9335 Old Scaggsville Road
Laurel, Maryland 20707

RE: Broadwater Estates - Lot 10
5674 Chamblis Drive

To Whom IT May Concern:

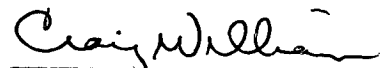
The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

FINAL CERTIFICATE OF POTABILITY

This certifies that all sampling requirements of COMAR 10.17.13 "Well Regulations" have been met for the water supply system installed under permit(s) HO-81-0509.

September 30, 1985
Date of Final Sampling

October 4, 1985
Date of Acceptance

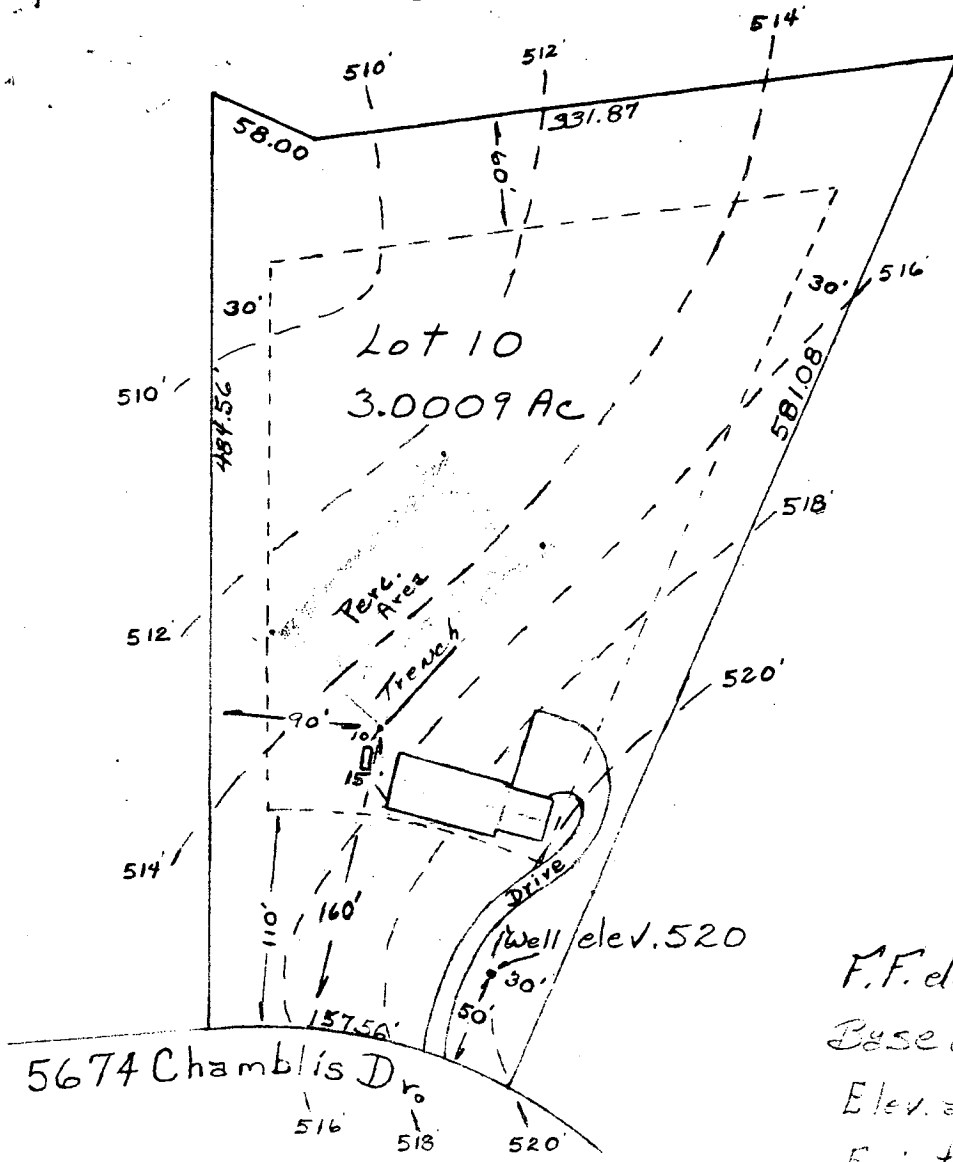

Craig Williams, Director
Water and Program

CW/JS:JR

Well Approved: 5/09/84
Septic Approved: 6/12/85

Water Sample Dates: 8/21/85
9/30/85

Lot 10 Broadwater Estates
 5674 Chamblis Drive



F.F. elev.	522'
Base elev.	513'
Elev. at time of perc.	515'
Exist. elev. at trench	515'
Elev. of sewer at house	512'
Elev. at Tank In.	511.58'
Elev. at Tank out	511.25'
Elev. at Trench Inv.	511'

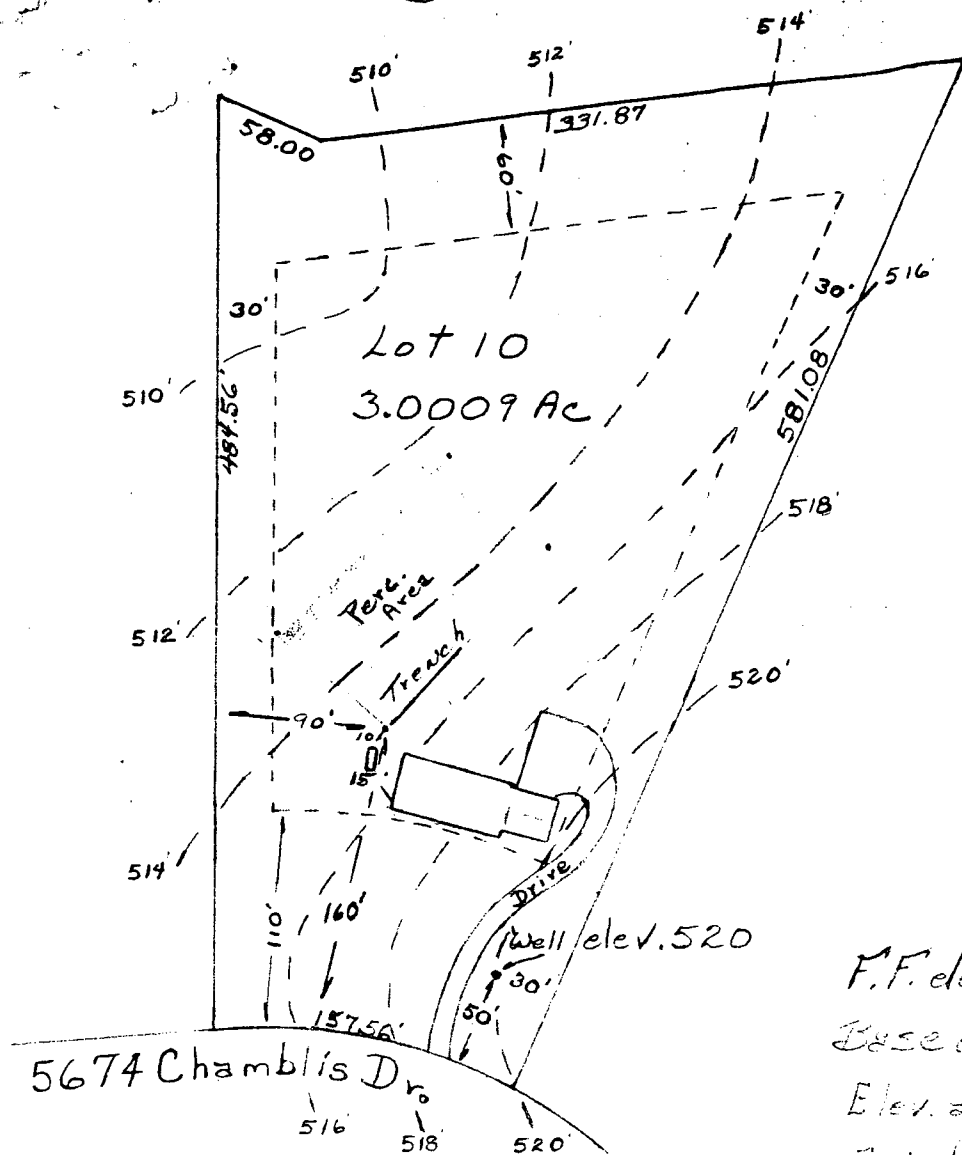
Lewis-Linda Walsh
 13586 Argo Drive
 Dayton, Maryland 21236
 Phone 531-3475

*J. Beckman
 M.D.
 S. G. G. G.*

Scale 1" = 100'

I certify that all elevations are correct for this property.

Lot 10 Broadwater Estates
5674 Chamblis Drive



5674 Chamblis Dr

F.F. elev.	522'
Base elev.	513'
Elev. at time of perc.	515'
Exist. elev. of trench	515'
Elev. of sewer at house	512
Elev at Tank In.	511.58
Elev at Tank out	511.25
Elev at Trench Inv.	511.
WELL ELEV	520

Lewis-Linda Walsh
13586 Argo Drive
Dayton, Maryland 21236
Phone 531-3475

ELEVATIONS OK 4/10/85 CW

Scale 1" = 100'

I certify that all elevations are correct for this property and are

Kacie (The Plumber)

Please call Jessie Badillo
about this property.

410-531-9557

mlb

8/10/04

Next

8/16/04

NEED POKER STICK

RECEIVED
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE

AUG 10 8 50 AM '04

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

8/20/04

owner & contractor
resolved issue.

KN

The Plumber, J.E.V. Inc

12400 Frederick Road
West Friendship, Maryland 21794
Phone 410-439-0987

March 5, 2003

Mr. and Mrs. Murray Snyder
5442 Patuxent Knoll Place
Alexandria, Virginia 22312

Test Date: March 3, 2003
Location: 5674 Chamblis, Clarksville, MD 21029

Dear Mr. and Mrs. Snyder,

The results outlined below are from several tests we performed on your behalf at the above location:

Listed below is information collected for a simple well flow test performed at the location above:

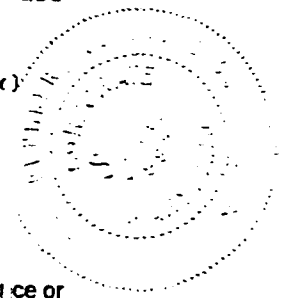
Pumped system open from storage tank 45 minutes-
test pump flow gallon per minute @ 5gpm - system looks good
Howard County Tag #810509
Completed: 5/1984; depth 320'; original yield 2gpm
Submersible well pump with bladder-type storage tank; no sealed well
cap on casing
10" cartridge style sediment filter

Listed below is information collected for a septic inspection at the location above:

Septic system passes solids test flush
Solids level check in tank - Some crust on top and bottom, normal liquid level
6" cleanout located in back yard at right side end of porch, appx. 8' from house
1000 septic tank, drainfield upgraded due to addition 4/28/00

(semi-annual enzyme/bacteria treatment to maintain proper breakdown of solids in tank is recommended)


John E. Valimaki, President
The Plumber, J.E.V. Inc.



Results reflect condition of systems at time of test and do not guarantee future performance or pre-existing conditions of well, pump or sediment

Reg. Master Plumber #7314
Anne Arundel Co. #A2 2735

****Affordable Quality****

WSSC #70874
Baltimore Co. #MP9717



FROM :HOCO-ENVIRO

FRX NO. :4103132648

Mar. 03 2003 04:29PM P1

1:00
1:30
1:45
12:00 F 3:00

PERMIT

SEWAGE DISPOSAL SYSTEM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
410-313-2640

P 513281

A REPAIR

ISSUE DATE 3/1/2000

APPROVAL DATE 4/28/00

Wayde Souder IS PERMITTED TO INSTALL ALTER X

ADDRESS _____ PHONE _____

SUBDIVISION Broadwater Estates LOT NUMBER 10 ADDRESS 5674 Chamblis Drive

PROPERTY OWNER Linda Walsh John Navedo PROPERTY OWNER'S ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

PUMP CHAMBER CAPACITY _____ GALLONS

NUMBER OF BEDROOMS 4

SQUARE FEET PER BEDROOM 125

LINEAR FEET OF TRENCH REQUIRED 100

TRENCHES: Trenches to be 2 feet wide. Inlet 1 feet below original grade. Bottom maximum depth _____

LOCATION: 9 feet below original grade. 5 feet of stone below distribution box
place the distribution box off the existing septic tank. Install trenches along contour in both directions.

REPAIR - PURPOSE - In support of addition to existing house (B00120994)*
Please call for inspection when ground is open so sanitarian can recommend repair.

PLANS APPROVED DES DATE 2/1/00

PERMIT VOID AFTER 2 YEARS

- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED
- NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES
- NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC 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
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

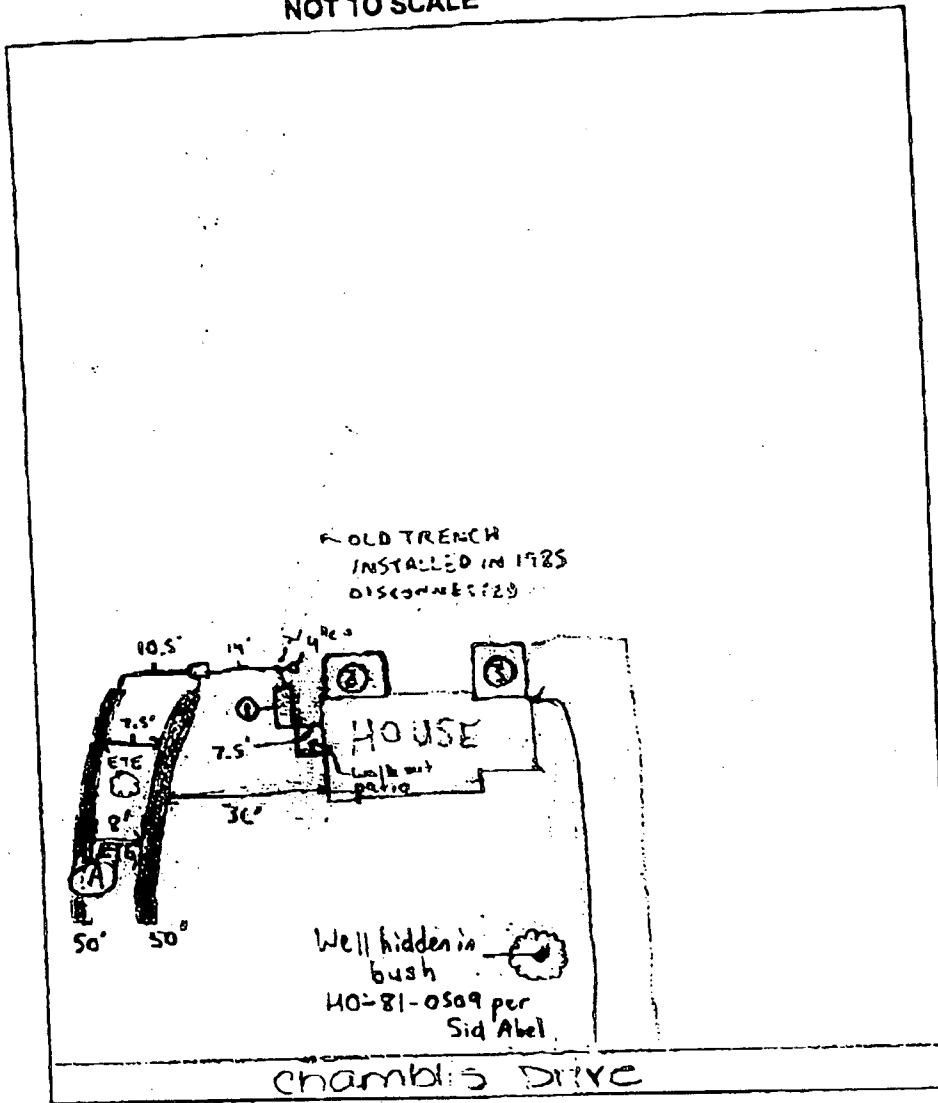
FROM :HOCO-ENVIRO

FAX NO. :4103132648

Mar. 03 2003 04:30PM P2

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NOT TO SCALE



TRENCH DATA	
TRENCH WIDTH	___
TRENCH INLET DEPT	___
TRENCH BOTTOM DE	___
DEPTH OF STONE	___
NUMBER OF TRENCH	___
TOTAL TRENCH LEN	___
ABSORBENT AREA	___
DISTRIBUTION BOX I	___
BAFFLE IN DISTRIBU	___

SEPTIC TANK I	
existing	___
SEPTIC TANK	100
MANHOLE RISER	___
6 INCH INSPECTION	___
4 INCH AFTER TA	___
PUMP CHAMBE	___
PUMP CHAMBER	___
GALLONS	___
MANHOLE RISER	___
ALARM	___
PUMP PERFORMAN	___

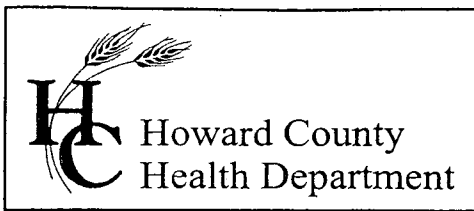
PRE-CONSTRUCTION INSPECTION: _____

INSPECTION COMMENTS: 4/28/00 - OK TO INSTALL BOTH TRENCHES TOWARD
 EXISTING SEPTIC TANK IS 7.5' TO HOUSE & ADDITION ①, TRENCH INSTALLED IN 1985
 OK TO CONTINUE WORK, WELL HAS OLD 1 PIECE CAP WITH SAFETY ROPE L
 CASING, TAG ON WELL BUT BARELY VISIBLE BECAUSE OF SURROUNDING B
 OK TO COVER ALL WORK, ② AND ③ ARE LOCATIONS OF PROPOSED ADDITION

no website
 ↑
 also the renovation
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 original

chambis Drive

Home / Fax
410-531-9557



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

August 18, 2004


To Whom It May Concern:

On August 18, 2004, I used a probe to field locate a covered septic tank at 5678 Chamblis Drive in Clarksville. Weather permitted moist soil conditions which aided in the ease of probing in to the ground. Soil texture was a sandy loam, micaceous, and granular structure. Rock content was not present. Due to excavation of soils for walkout from the downstairs of the home, septic tank cover ranged from a two inches to approximately 8 inches.

Accessibility to the septic tank for pumping of sludge is not possible. A landscape feature with stone wall rests approximate three feet high above the septic tank and covers approximately 95 percent of the tank lid surface. Nothing in our records indicates a permit for landscaping over the septic tank nor for patio laid on ground. After probing around the landscape feature, approximate 4" away from the wall the concrete septic tank was identified and uncovered with the use of a plow tool. The 4" cleanout located uphill is not attached to the septic tank nor allows for pumping of the septic tank. Location of septic tank and cleanout by Steven Krieg on 4/28/2000 is accurate, as accuracy and detail is his strong point.

In order for pumping of the sludge in the septic tank, the landscape feature needs to be removed for a contractor to add a cleanout directly attached to the septic tank lid for servicing. Not servicing a septic tank can lead to back up of septic into the home and also lead to premature failing of septic field trenches.

If you have any questions or concerns, contact me at 410-313-1771. Enclosed is a copy of tank sizes by one company, Mayer Brothers. Our records do not indicate the brand of tank, yet this may be used as an estimate of septic tank dimensions.

Sincerely,

Kacie Noonan, R.S.
Well and Septic Program

KN

Cc: file