

approved 10/21/81

Stayer

# PERMIT

P 31649

A 30843

10/10/81  
10/7/81  
as per [unclear] [unclear]

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

05-341140

ELLICOTT CITY

DISTRICT 5th

11/2/81

## INDEX

DATE 10/5/81

Jack Fyock

IS PERMITTED TO INSTALL  ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 PHONE 988-9270

SUBDIVISION Glen Mary Est ROAD 5600 of 5610 Chamblis Dr off Broadwater Lane LOT 6

PROPERTY OWNER E. O. Adams - Mrs. Louise H. Adams

ADDRESS 5795 Ten Oaks Road, Clarksville, Md. 21029 Phone: 531-5458

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

SEEPAGE PITS \_\_\_\_\_ ABSORBENT SIDE-WALL AREA \_\_\_\_\_ SQ. FT.

INLET PIPE \_\_\_\_\_ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH \_\_\_\_\_ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AND \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AS SEEN WHEN

FACING LOT FROM  
**DRY WELL AND TRENCHES - 185 sq. ft. effective sidewall area per bedroom below inlet. Dry well inlet maximum to be 4 ft. below original grade and dry well bottom to be 10 ft. below original grade. Place the dry well 145 ft. from the left lot line and 155 ft. down the left property line from the left front corner point as seen when facing the lot from Chamblis Road. Trenches to be 2 ft. wide. Inlet to be 4 ft. below original grade. Trenches cannot exceed 100 feet in length. Distribution box to be used if more than one trench used. Two inspections required - before and after placing stone in trench. If more than one trench used - need to have 15 ft. distance between trenches - center to center. Trenches to follow contour of land. 5 ft. earth buffer between trench and dry well.**  
PLANS APPROVED BY Charles B. Streaker DATE 5/28/81

COVER NO WORK UNTIL INSPECTED AND APPROVED. 10/5/81 O.K. to use one trench 2 ft wide, 10 ft deep, inlet at 4 ft. and 100 ft. long in area of highest part of lot  
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.  
note: S.F.D.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

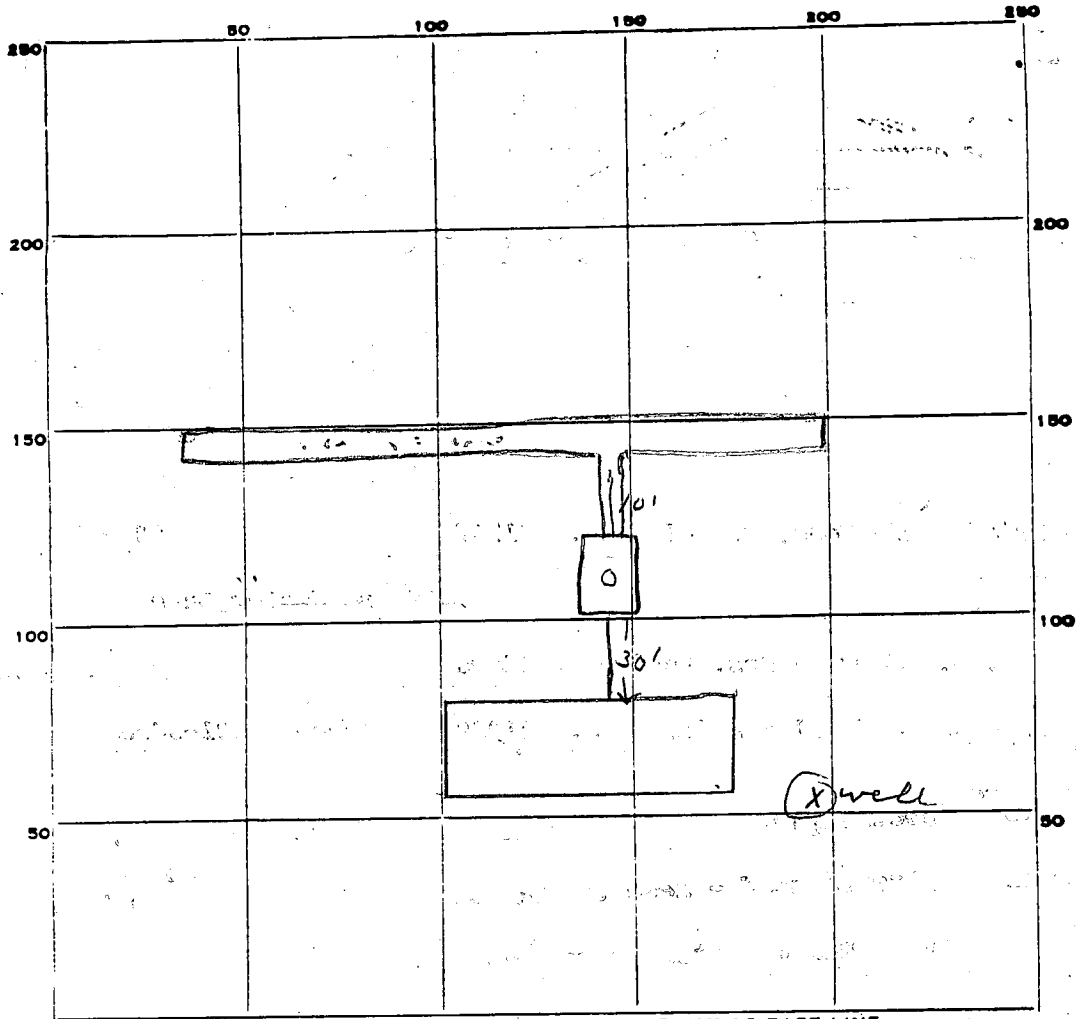
PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

BLDG. PERMIT ~~ISSUED~~  
AND RETURNED 9/4/81  
# 47543 for S.F.D.

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

A 30843



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

*Chamblis Rd*

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL

CLEANOUTS 5T

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6' IN. TOTAL LENGTH 100 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 600

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 600 SQ. FT.

REMARKS 10/6/81 OK to add stone in trenches. JS  
10/7/81 - OK to cover all work. Call, must  
see house connection. JS  
11/2/81 Final OK JS

DATE SYSTEM APPROVED 11/2/81

INSPECTOR Stayer

Received  
8/22/80  
9:30

# APPLICATION

SEWAGE DISPOSAL TESTING

A 30843

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

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

DISTRICT 5th

DATE 8/15/80

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 E. O. Adams property  
Louise H. Adams  
ADDRESS \_\_\_\_\_ PHONE 531-5458

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION off Broadwater Lane

SIZE OF LOT 123 acres 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/ Louise H. Adams, Real Estate Agent

APPROVED BY C. B. Streaker FOR Dry Well & Trench DATE 8/22/80

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

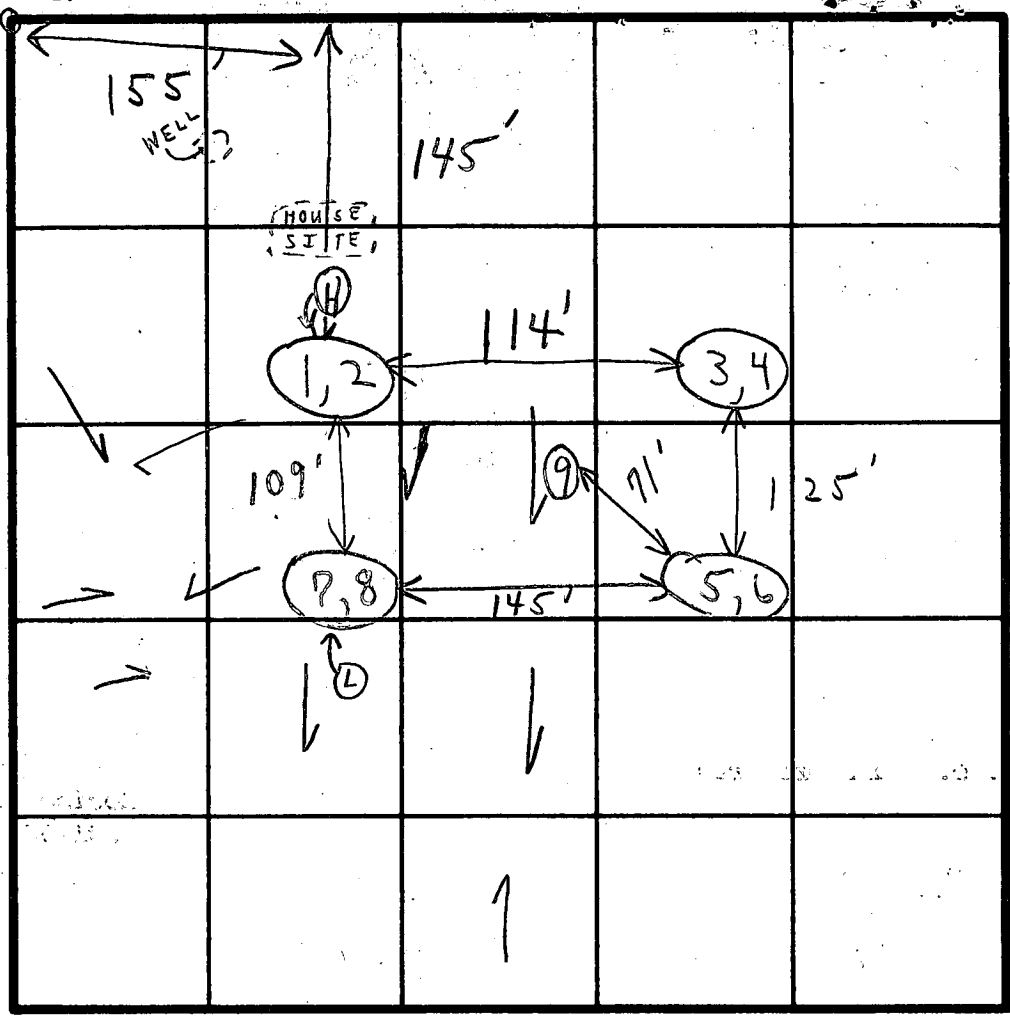
Broadwater estate

No. #

SOIL PROFILE

BELOW CLAY  
SEE EACH HOLE

CHAMBLIS DRIVE



FIELD SHEET

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BROADWATER LA

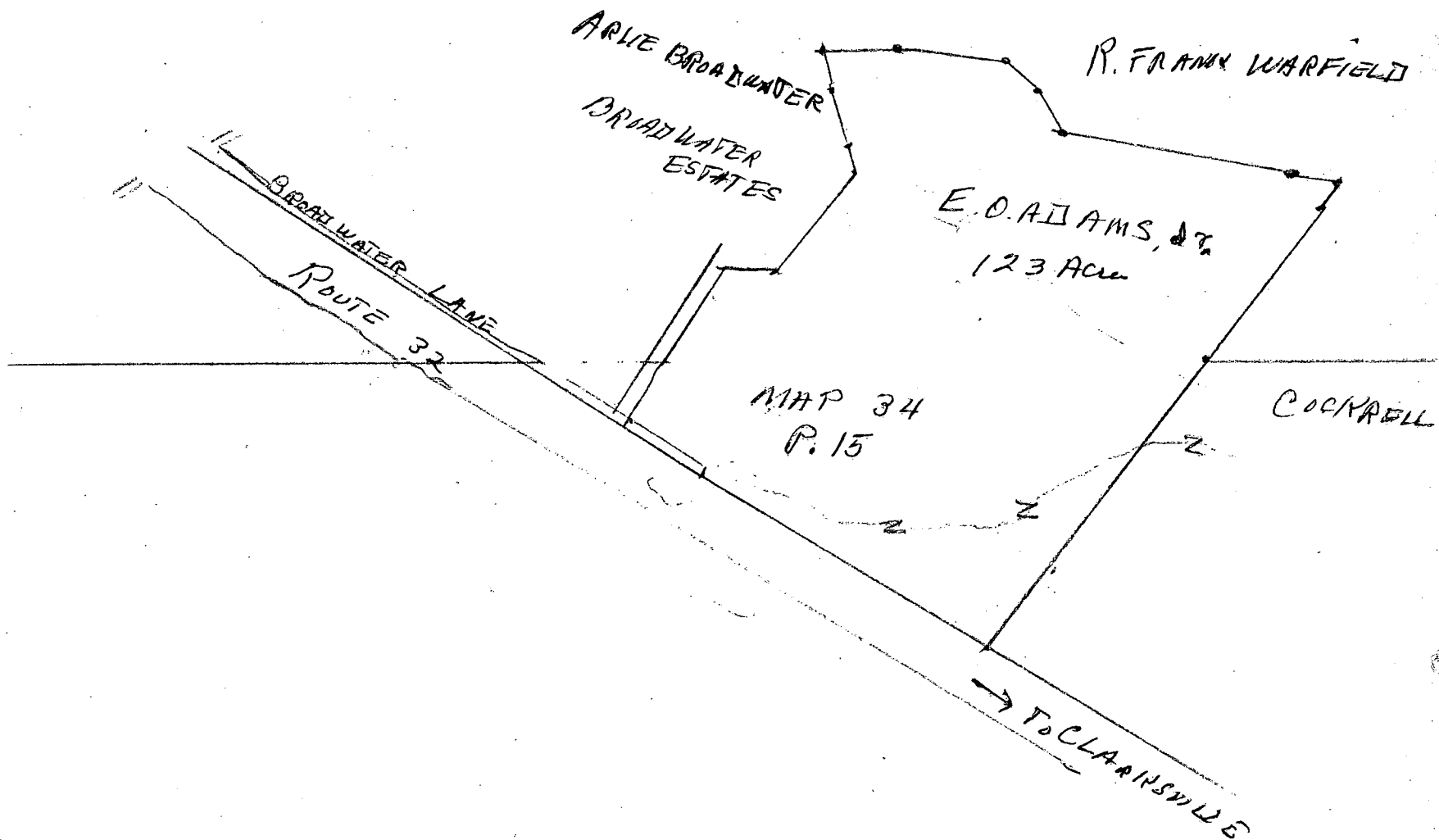
SOIL PROFILE

SOIL PROFILE	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1'- 4' CLAY	8/22/80	1	4'	9:51	9:58	9:58	10:09	11min
4'- 12' LOAM		2	12'	9:50	9:58	9:58	10:10	12min
1'- 4' CLAY		3	4'	10:05	10:11	10:11	10:20	9
4'- 12 1/2' LOAM		4	12 1/2'	10:05	10:14	10:14	10:26	12m
1'- 3' CLAY		5	4'	10:02	10:04	10:04	10:07	3 min
3'- 9" SANDY LOAM SOME GRAVEL		6	13'	10:01	10:19	10:19	10:49	30m
9'- 13" Compact. MKA. Loam		7	4'	10:13	10:21	10:21	10:48	27m
1'- 4' CLAY		8	4'	10:13	10:21	10:21	10:47	26m
4'- 13 8" SANDY LOAM		9	13'	4 1/2' to 5 1/2' to 13' LOAM		1' - 4 1/2' CLAY		similar to (1+2)

REMARKS TESTS IN OPEN FIELD

TYPE OF SOIL

TESTED BY C. B. S + S. K. ALSO PRESENT MR. BROADWATER MRS. L. ADAMS MR. SZRK + SON





B 7 6784 SEQUENCE NO. WRA USE ONLY  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

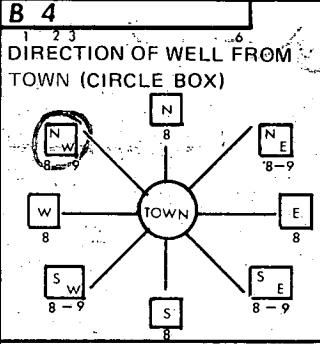
STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER  
40-73-3954  
fill in this form completely

DATE RECEIVED 6/23/81  
II 8/18/81 9:30 A.M.  
OWNER INFORMATION  
LAST NAME: Adams  
FIRST NAME: O.  
STREET OR RFD: Chambers Drive  
TOWN: Clarksville Md. 21029  
STATE: Md. ZIP: 21029

LOCATION OF WELL  
COUNTY: Howard  
SUBDIVISION: ~~None~~ Broadwater Est.  
SECTION: none LOT: none  
NEAREST TOWN: Clarksville  
MILES FROM TOWN: 3 MI

B 1 CONTINUED DRILLER INFORMATION  
DRILLER'S NAME: Ralph Mayne  
LICENSE NO.: 273  
SIGNATURE: Ralph Mayne  
DATE: 6/22/81



DIRECTION OF WELL FROM TOWN (CIRCLE BOX): CHAMBLIS DR  
NEAR WHAT ROAD: CHAMBLIS DR  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): WEST  
DISTANCE FROM ROAD: 200 FT

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

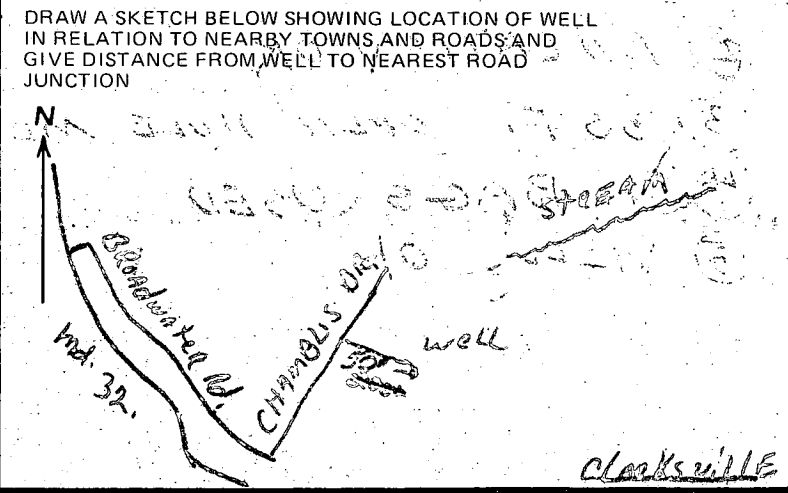
SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX  
WELL OK SEE OTHER SIDE RH  
WRITE THE BOX NUMBER FROM THE MAP HERE  
810 2  
500 3

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)

APPROXIMATE DEPTH OF WELL: 150 FEET  
APPROXIMATE DIAMETER OF WELL: 6 INCH

Method of Drilling (circle one)  
BORED (OR AUGERED) JETTED JETTED & DRIVEN  
AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC)  
CABLE REVERSE ROTARY DRIVE POINT ROTARY  
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  
 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):

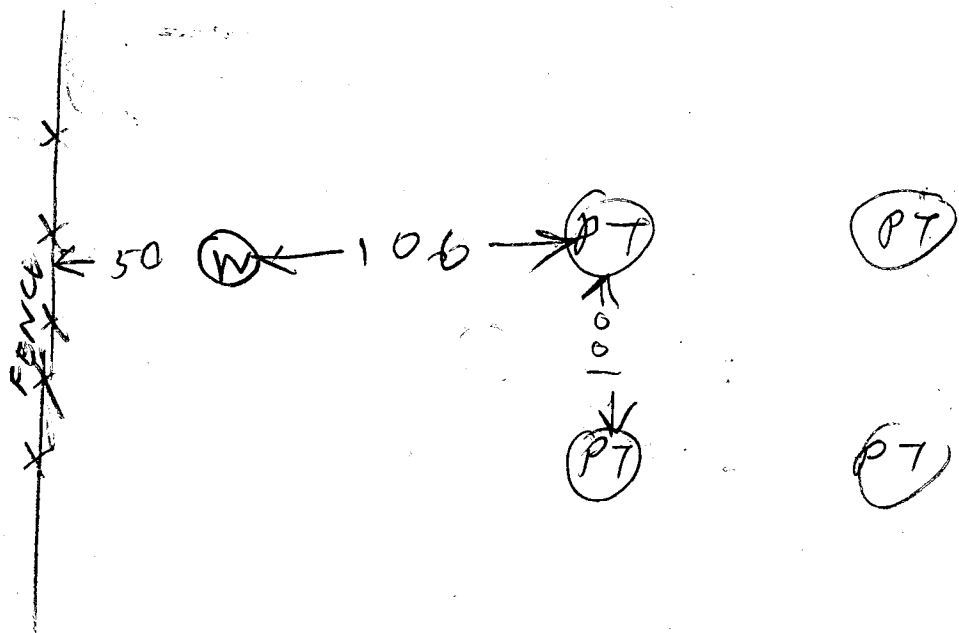


Not to be filled in by driller (WRA USE ONLY)  
APPROX. PERMIT NUMBER: GAP  
FORCE INITIALS: ES  
CONDITIONS: HO-73-3954

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
COUNTY NAME: Howard COUNTY NO.: 220842  
EHA SIGNATURE: Frank Skinner, Sanitarian  
DATE: 8/10/81  
NORTH GRID: 503 EAST GRID: 0812 ELEV. (FT.):

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

CHAMPLIN DR



8/7/81

- ① 42 FT CASING 2 FT OUT OF GROUND
- ② LOCATION OK
- ③ 35 FT OPEN HOLE MEASURED WITH A STRING
- ④ 11 BAGS USED
- ⑤ WELL OK

C1 8127 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED COUNTY NUMBER A30843

Date Received (WRA use only) Aug 7, 1981 DATE WELL COMPLETED

Depth of Well 205 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-BYS4

OWNER Adams last name Edwin A. Jr. first name STREET OR RFD Chamblis Drive TOWN Clarksville

SUBDIVISION SECTION LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Sandy, Sandstone, Micka, Sandstone, Micka.

WELL HAS BEEN GROUTED (YES Y NO N) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 11 NO. OF POUNDS 1100

CASING RECORD (ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER)

MAIN CASING TYPE SIT Nominal diameter 6 Total depth of main casing 42

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD (ST STEEL, BR BRASS, HO OPEN HOLE, PL PLASTIC, OT OTHER)

DEPTH (nearest ft.) HO 205

- CIRCLE APPROPRIATE BOX [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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL"...

DRILLERS IDENT. NO. 273 DRILLERS SIGNATURE [Signature]

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

SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX [F]

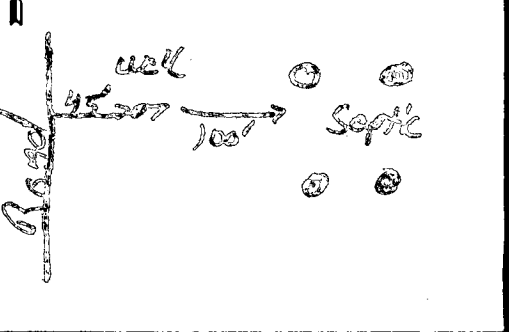
WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 TELESCOPE CASING 72 LOG INDICATOR 74 75 76 OTHER DATA

PUMPING TEST C 3 (seq no) 3 HOURS PUMPED 4 PUMPING RATE 2 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL 50 BEFORE PUMPING 205 WHEN PUMPING TYPE OF PUMP USED [A] Air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES [Y] NO [N] IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) [F] above LAND SURFACE below 2 (nearest foot)

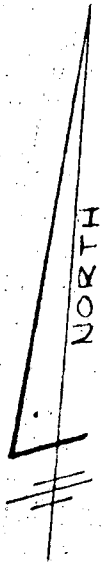
LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



LAND OF  
ARLIE BROADWATER  
173/558 & 430/216  
(FORMERLY 106/97)

LAND OF  
ELIZ. ADAMS, ETAL  
430/214

LAND OF  
EDWIN O. ADAMS, JR.  
159/190 & 430/218



MARYLAND ROUTE 32

(FORMERLY  
LIBER 106 FOLIO 97  
PARCEL # 22)

N 31° 46' 55" E 865.75'  
PARCEL A 0.7090 AC. ±  
S 31° 46' 55" W 857.56'

10' WIDE  
SLOPE EASEMENT

N 55° 26' 06" W  
35.37'

N 11° 49' 36" W  
36.20'

S 55° 26' 06" E  
25.00'

S 81° 21' 10" E  
38.42'

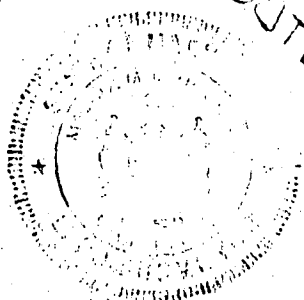
72'

PLAT TO ACCOMPANY  
PARTICULAR DESCRIPTION  
PARCEL OF LAND  
TO BE CONVEYED BY ADAMS  
AS PART OF A 60 FOOT WIDE FEE  
SIMPLE RIGHT OF WAY  
5TH ELECTION DISTRICT HOWARD CO., MD

SCALE: 1"=100'

MARCH 14, 1979

REV. MAY 17, 1979



HUBBINS ASSOCIATES  
ENGINEERS SURVEYORS  
LANDS AND AIRCRAFT  
100 NORTH MAIN STREET  
BEL AIR, MARYLAND

FILE No. 78-067

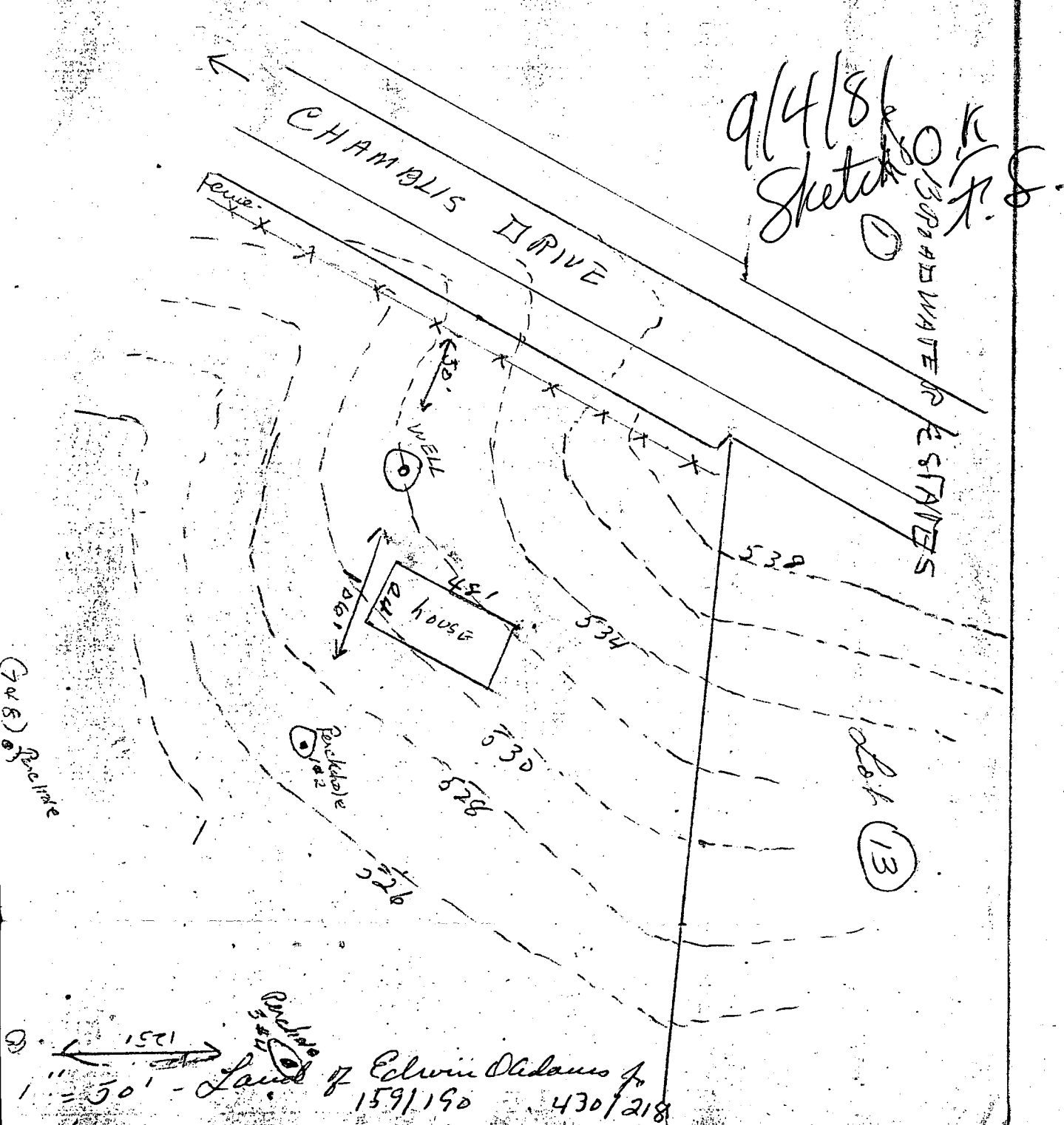
Edwin O. Adams Jr.

123 acres

adjacent Broadwater estate

There will be no basement & the first floor  
will be above grade at the house site.

Lucie N. Adams  
9/4/81



(728) Recite

9/4/81  
Sketch  
K.F.S.

1" = 50' - Land of Edwin Adams Jr.  
159190 430/218