

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th.

DATE 9/17/82

## INDEX

Robert Frye

IS PERMITTED TO INSTALL X ALTER

ADDRESS 6271 Oakland Road, Sykesville, Maryland 21784 PHONE 795-3115

SUBDIVISION Broadwater Estates ROAD 5681 Chamblis Drive LOT 3

PROPERTY OWNER Dr. Jivaka B.C. DeSilva

ADDRESS 3F Harolwood Court, Woodlawn, Md. 21207

SPECIFICATIONS 3 Bedrooms with garbage grinder

SEPTIC TANK CAPACITY 1500 GALLONS

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

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

Dry Well SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 147 SQ. FT. per bedroom

INLET PIPE 3½ FT. BELOW ORIGINAL GRADE, MAXIMUM DEPTH 9½ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 4½ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 135 FT. FROM left LOT LINE AND 135 FT. FROM front LOT LINE AS SEEN WHEN

FACING LOT FROM Chamblis Drive per platt.

OR IF DRY WELL & TRENCH USED - NEED: (1) 2 inspections of trench before and after stone installed. (2) Run Trenches on contour of land. (3) leave 5 ft. earth buffer between dry well and trench. ~~If disposal unit is used, absorbent sidewall area and septic tank must be increased.~~

PLANS APPROVED BY C. B. Streaker DATE 12/31/79

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 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.

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

A 29010

10/29/82

05-389062

approved 11-1-82 C. Welton

P 32/76 A 29010



# 3 BROADWATER ESTATES

Lot 3

3 BEDROOMS <sup>with garbages in do.</sup> - 1500 GALLON TANK  
~~4 BEDROOMS - 2000 GALLON TANK~~

147

DRY WELL - ~~120~~ square foot sidewall area per bedroom. Dry well EFFECTIVE  
(ABSORBANT AREA TO BE  $4\frac{1}{2}$  AND DRY WELL)  
inlet maximum to be  $3\frac{1}{2}$  feet below original grade and dry

well bottom to be  $9\frac{1}{2}$  feet below original grade. Place the dry well 135  
feet from the LEFT lot line and 135 feet from the FRONT lot  
line as seen when facing the lot from CHAMBLIS DR ~~road~~. PER PLATT.

OR IF DRYWELL + TRENCH USED - NEED:

- (1) 2 inspections of trench before and after stone installed.
- (2) Run trenches on contour
- (3) 5' earth buffer between dry well and trench

Address: 5681 Chamblis Drive

Installer: Robert Frye

*Filed*

# APPLICATION

A 29010

SEWAGE DISPOSAL TESTING

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 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~~ DR. JIVAKA B.C. DE SILVA  
3F HAROLWOOD COURT, WOODLAWN, MD. 21207  
ADDRESS 5435 Broadwater Lane, Clarksville, Md. 21029 PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Broadwater Estates LOT NO. 3

ROAD AND DESCRIPTION off Broadwater Lane 5681 Chamblis Drive

SIZE OF LOT 3.0 acres m/1 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. Streaker FOR *dry well + low trench* DATE 12/31/79

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

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

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

BLDG. PERMIT SIGNED  
AND RETURNED 9/16/82  
Serial # 50975

# THIS IS NOT A PERMIT

3

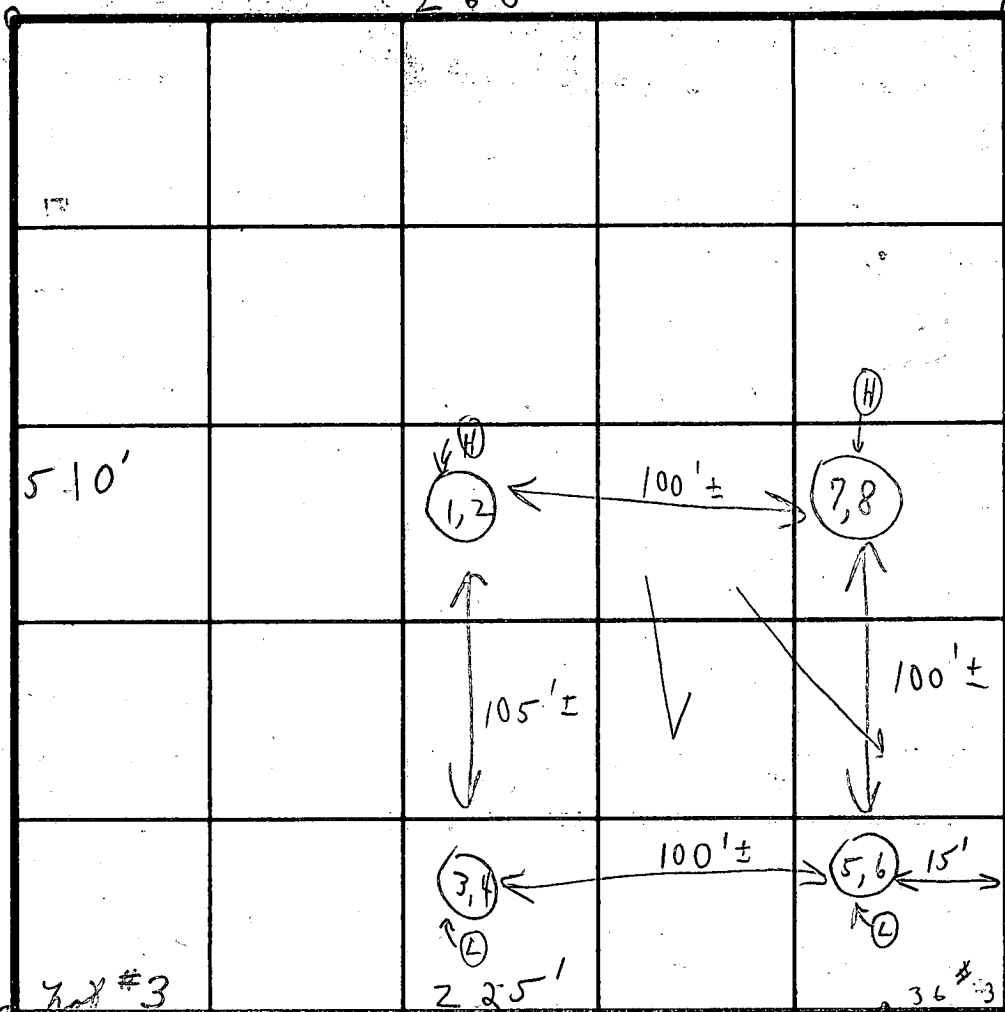
260'

Field sheet

Tests per stake

SOIL PROFILE

Below  
clay  
mica  
loam



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE:

Chamblio

Court

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/21/78	1	4 1/2'	1:39	1:41	1:41	1:44	3 min
	Ⓜ 2	8 1/2'	1:41	1:44	1:44	1:48	4 min (12' deep)
	3	4 1/2'	1:49	1:50	1:50	1:51	1 min
	Ⓛ 4	9'	1:50	1:51	1:51	1:53	2 min (12' deep)
	5	4'	2:00	2:02	2:02	2:04	2 min (12' deep)
	Ⓛ 6	8 1/2'	1:59	2:01	2:01	2:05	4 min (12' deep)
	7	4'	2:03	2:04	2:04	2:05	1 min
	Ⓜ 8	8 1/2'	2:05	2:07	2:07	2:12	5 min (13' deep)

5' wet 3 1/2' map 9 1/2'

REMARKS

Tests in open field

TYPE OF SOIL

TESTED BY

C. B. D.

ALSO PRESENT

{ same as others



B 1 9248

SEQUENCE NO. WRA USE ONLY

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

40-73-4018

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

please print or type

fill in this form completely

DATE RECEIVED

9/23/81  
8 (WRA USE ONLY) 13  
OWNER INFORMATION

DeSilva Jivaka B C MD

LAST NAME OWNER FIRST NAME

3 F Harolwood Court

STREET OR RFD

Woodlawn, Maryland 21207

TOWN 57 STATE 76 ZIP

B 3

LOCATION OF WELL

COUNTY Howard

SUBDIVISION "Broadwater Estates"

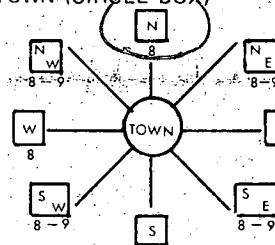
SECTION 44 LOT 3

NEAREST TOWN Clarksville

MILES FROM TOWN (enter 0 if in town) 2 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Chamblis Road

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



375

34 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 375

B 1 CONTINUED

DRILLER INFORMATION

Ronald L. Kyker 296

DRILLER'S NAME 77 LICENSE NO. 80

Signature: Ronald L. Kyker DATE: 9/21/81

SIGNATURE DATE

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN) 6

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 600

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 200 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

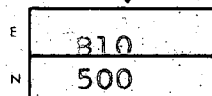
- THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (WRA USE ONLY)

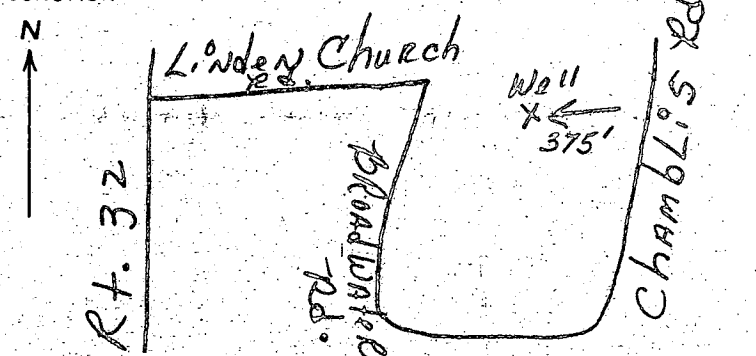
APPROP. PERMIT NUMBER GAP
FORCE FS INITIALS CONDITIONS HO-73-4018

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



B 4

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard

A29010

COUNTY NAME

COUNTY NO.

EHA SIGNATURE STATE HEALTH CIRCLE BOX

MO DAY YR Frank Skinner Sanitarian 10/2/81

NORTH 505 EAST 0811 ELEV. (FT.)

GRID 50 55 GRID 57 63 65 68

B 5

SPECIAL CONDITIONS (WRA USE ONLY)

C1 1301 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 COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A29010

Date Received (OEP use only)

DATE WELL COMPLETED. 100881

Depth of Well 453 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-23-4018

OWNER DeSilva last name Jivaka BC. first name

STREET OR RFD Chamblis Road TOWN Clarksville

SUBDIVISION Broadwater Estates SECTION LOT 3

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Dirt, Brown Mica & Brown Clay, Soft Brown Mica & Brown Sand, Soft Blue Mica, Soft Brown Sandstone, Soft & Hard Brn. Sandstone, Blue & Black Sandstone, Blue Mica Rock, Blk. Sandstone & Blue Mica, Light Blue Sandstone, Blue Sandstone, Light Blue Sandstone, Blue Sandstone, Fracture, Blue & Black Sandstone.

WELL LOG Not required for driven wells. STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING.

GROUTING RECORD. WELL HAS BEEN GROUTED YES (Y) NO (N). TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC). NO. OF BAGS 31 NO. OF POUNDS 2291. GALLONS OF WATER 126. DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 70 ft.

CASING RECORD. casing types insert appropriate code below. MAIN CASING TYPE S T. Nominal diameter top(main)casing (nearest inch) 6. Total depth of main casing (nearest foot) 31.

OTHER CASING (if used) diameter inch depth (feet) from to. SCREEN RECORD. screen type or open hole insert appropriate code below. STEEL (ST) BRASS (BR) OPEN HOLE (HO). BRONZE (PL) OTHER (OT). PLASTIC (PL) OTHER (OT).

DEPTH (nearest ft.) 453. SLOT SIZE 1 2 3. DIAMETER OF SCREEN (NEAREST INCH) from to.

- 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.

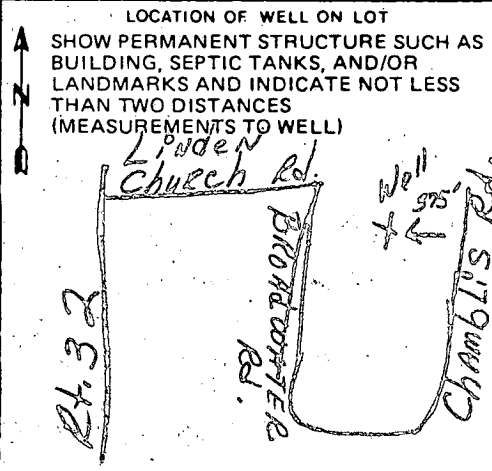
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT NO. 96. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION). SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee).

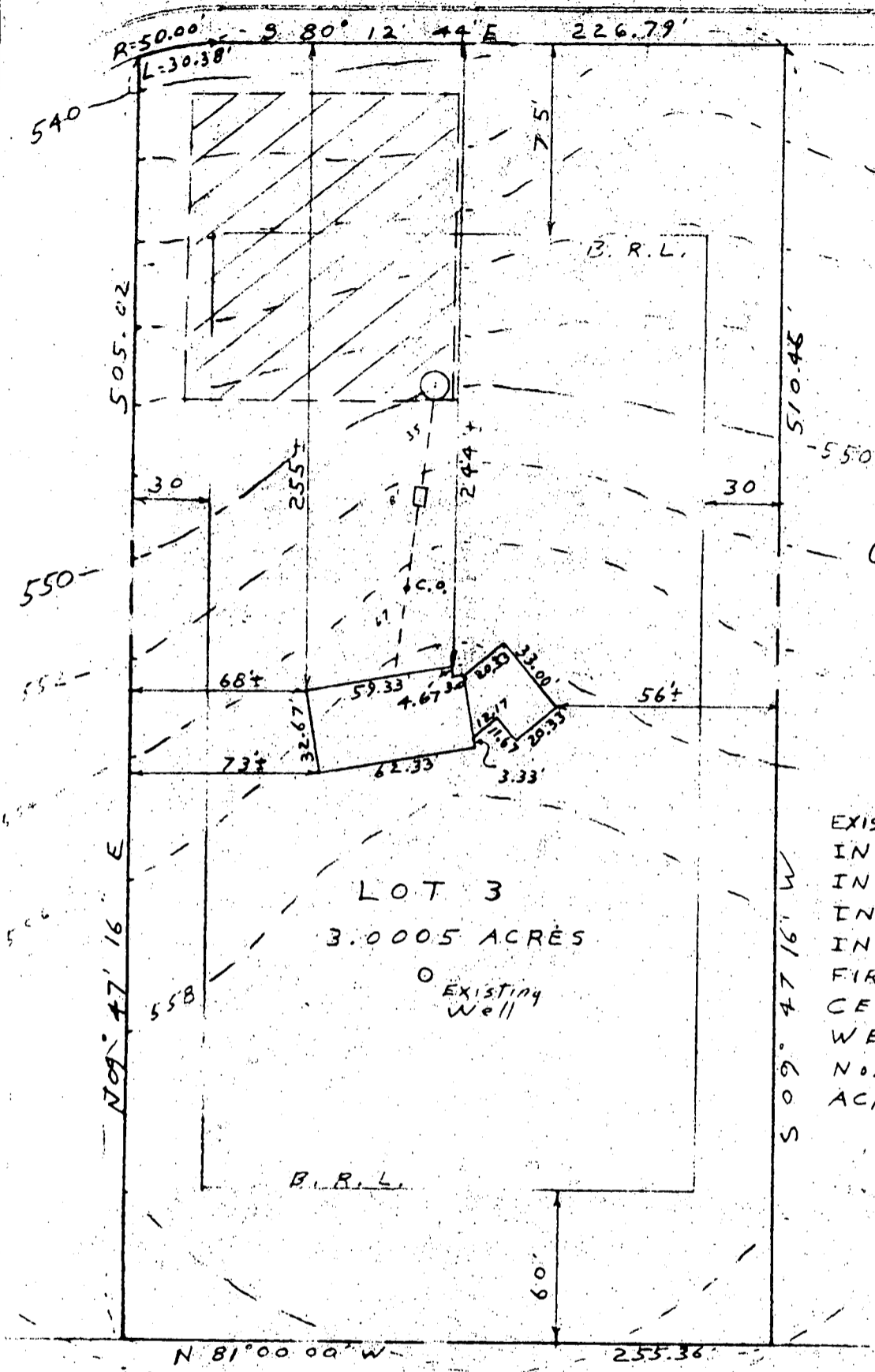
GRAVEL PACK. IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX [F]. OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER). TELESCOPE CASING LOG INDICATOR OTHER DATA.

PUMPING TEST. HOURS PUMPED (nearest hour) 6. PUMPING RATE (gal. per min. to nearest gal.) 20. METHOD USED TO MEASURE PUMPING RATE Flowmeter. WATER LEVEL (distance from land surface) BEFORE PUMPING 90 WHEN PUMPING 418. TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible.

PUMP INSTALLED YES (Y) NO (N). DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) 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) [+ above] [ ] LAND SURFACE [ ] below (nearest foot) 2.



CHAMBLIS DRIVE



9/16/82  
Sketch OK  
J.S.

EXIST. GR. at DRYWELL	550.0
INV. IN DRYWELL	546.5
INV. OUT SEPTIC TANK	547.0
INV. IN SEPTIC TANK	547.0
INV. OUT DWELLING	548.0
FIRST FLOOR ELEV.	558.0
CELLER ELEV.	550.0
WELL ELEV.	558.5
No. of BEDROOMS	3
ACREAGE	3.0005

LOT 3  
3.0005 ACRES

Existing Well



PLOTT PLAN  
LOT 3 CHAMBLIS DRIVE  
BROADWATER ESTATES  
ELECTION DISTRICT 5  
HOWARD COUNTY MD  
SCALE: 1" = 60'  
DRAWN: SEPT. 9, 1982

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY  
SIGNED *William E. Doyle*

FILE NO. 43-66