

2/13/86  
OK'd + re-plate  
(BW)

# PERMIT

P 36478  
A 28543

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
~~X882X2388X~~  
461-9933

03-289826

ELLICOTT CITY  
DISTRICT 3rd

INDEXED

DATE 1/31/86

Jack Fyock IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE 988-9270

SUBDIVISION \_\_\_\_\_ ROAD 11820 Homewood Road LOT Parcel 307

PROPERTY OWNER Roy Ockum

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1500 ~~1000~~ GALLONS NUMBER OF BEDROOMS 3 ~~4~~

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9.5 feet below original grade. Effective area begins at 4 feet below original grade. 5.5 feet of stone below distribution pipe.

LOCATION: Start the trench approximately 170 feet from the front (466.64') lot line and 75 feet from the right (319.28') lot line. Run trench on grade toward left lot line as seen when facing the lot from Homewood Road.

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.

**BUILDING PERMIT SIGNED**

**AND RETURNED** 9-18-02

600 138479-16 pool

PLANS APPROVED BY S. Abel DATE 1/31/86

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.

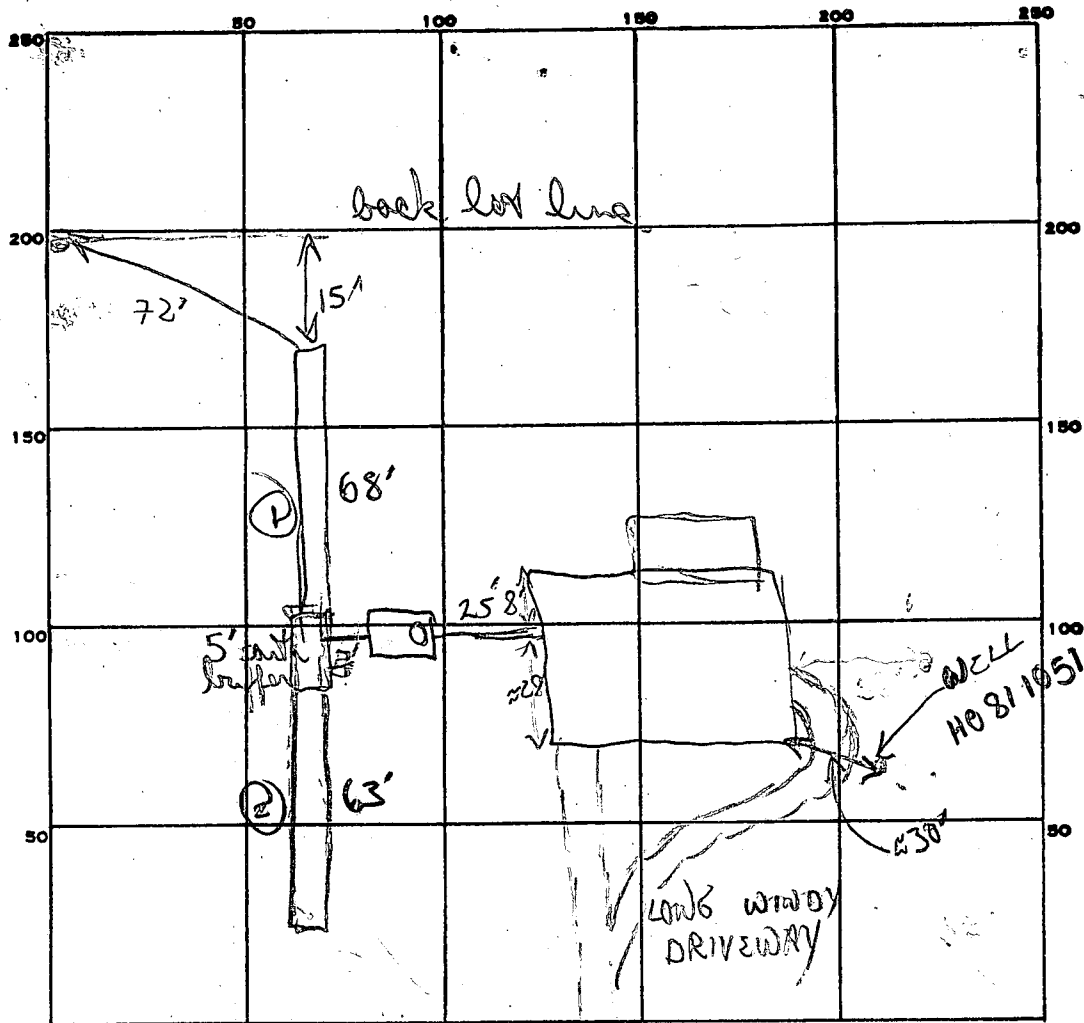
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 28543



PERMIT CARD find HOMSWOOD RD

SEPTIC TANK, LEVEL 1500 gal CLEANOUTS 1 SIT

DISTRIBUTION BOX, LEVEL veeing off trenches (no D.B.)

TILE FIELD, DEPTH 9 1/2 + 9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 1/2 IN. TOTAL LENGTH 68' + 63' FT.

NUMBER OF TRENCHES 2 1 SIDE WALL TOTAL BOTTOM AREA 374 + 346 1/2

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

ABSORBENT AREA 720 1/2 SQ. FT.

BUILDING PERMIT SIGNED  
 AND RETURNED  
 3/10  
 374  
 68  
 68  
 748

63  
 55  
 315  
 1805  
 4  
 720

REMARKS 2/13/86 OK to add stone pipe paper to trench #1. OR to cover trench #1. OR to start trench #2

2/13/86 OK to finish adding stone pipe paper to trench #2 OR to cover all work

DATE SYSTEM APPROVED 2/13/86 INSPECTOR B. Nipon

# APPLICATION

A 28543

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT \_\_\_\_\_

DATE 7/26/78

*180 # / Bedroom  
INLET 3 1/2' diam.  
Total Depth 8 1/2' max.*

*Driveway 11840*

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.

*Roy & Suzanne Ockum*

PROPERTY OWNER *Dr. CHAO-KUANG Hsu and Dr. SUSAN HU Hsu*

ADDRESS *6 TREE FARM CT, Glen Arm, Md. 21057* PHONE *661-7739*

PROPERTY LOCATION *# 11820  
off Homewood Road.*

*Par. 307*

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

ROAD AND DESCRIPTION *The lot is between Lot Address 11700 and 11800 Homewood Road.  
# 11820*

*This is an elevated Lot with half wooded area & half open field.*

SIZE OF LOT *4.351 Acre* TYPE BLDG. *Residential, 5 Bedrooms*  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE

SIGNATURE OF APPLICANT *Chao Kuang Hsu*

APPROVED BY *JS - PER - DM* FOR *trenches* DATE *8/9/78*  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

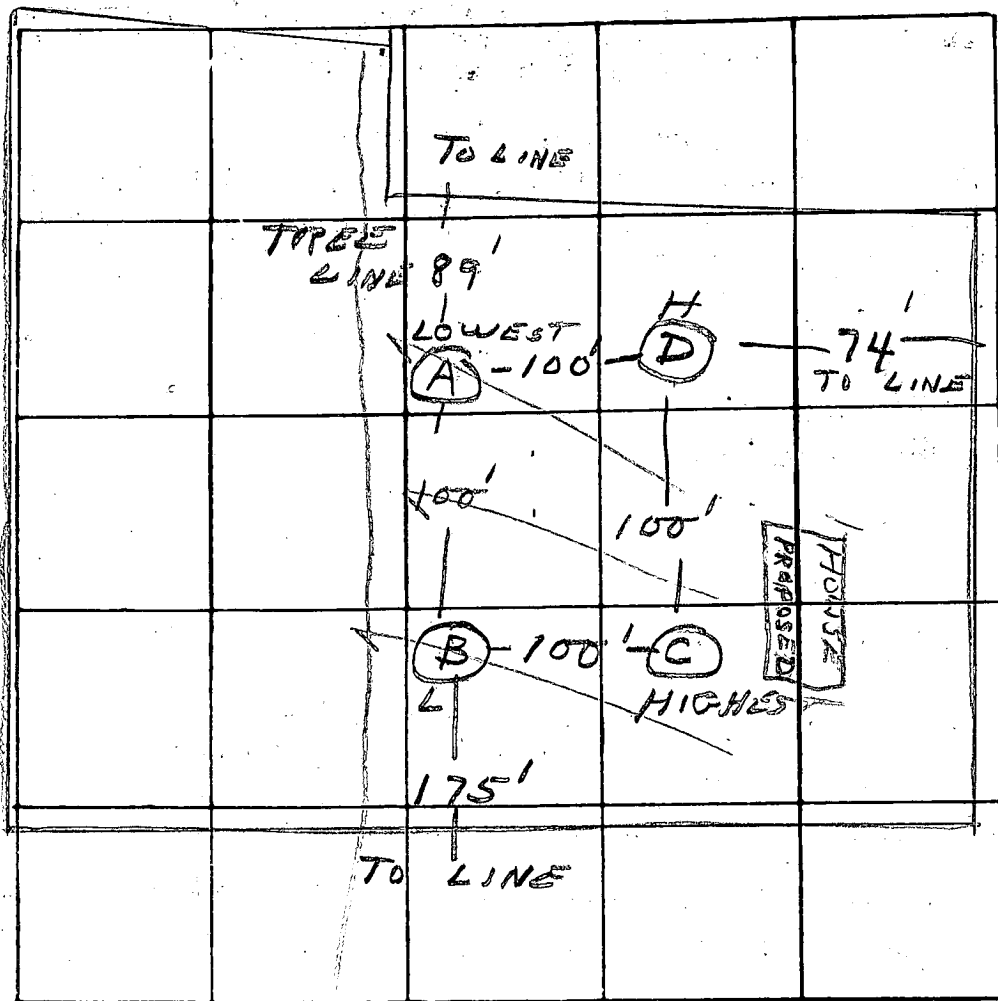
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

*B.P. # 65070*

BLDG. PERMIT SIGNED  
AND RETURNED *C-14-85*

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 HOMEWOOD RD.

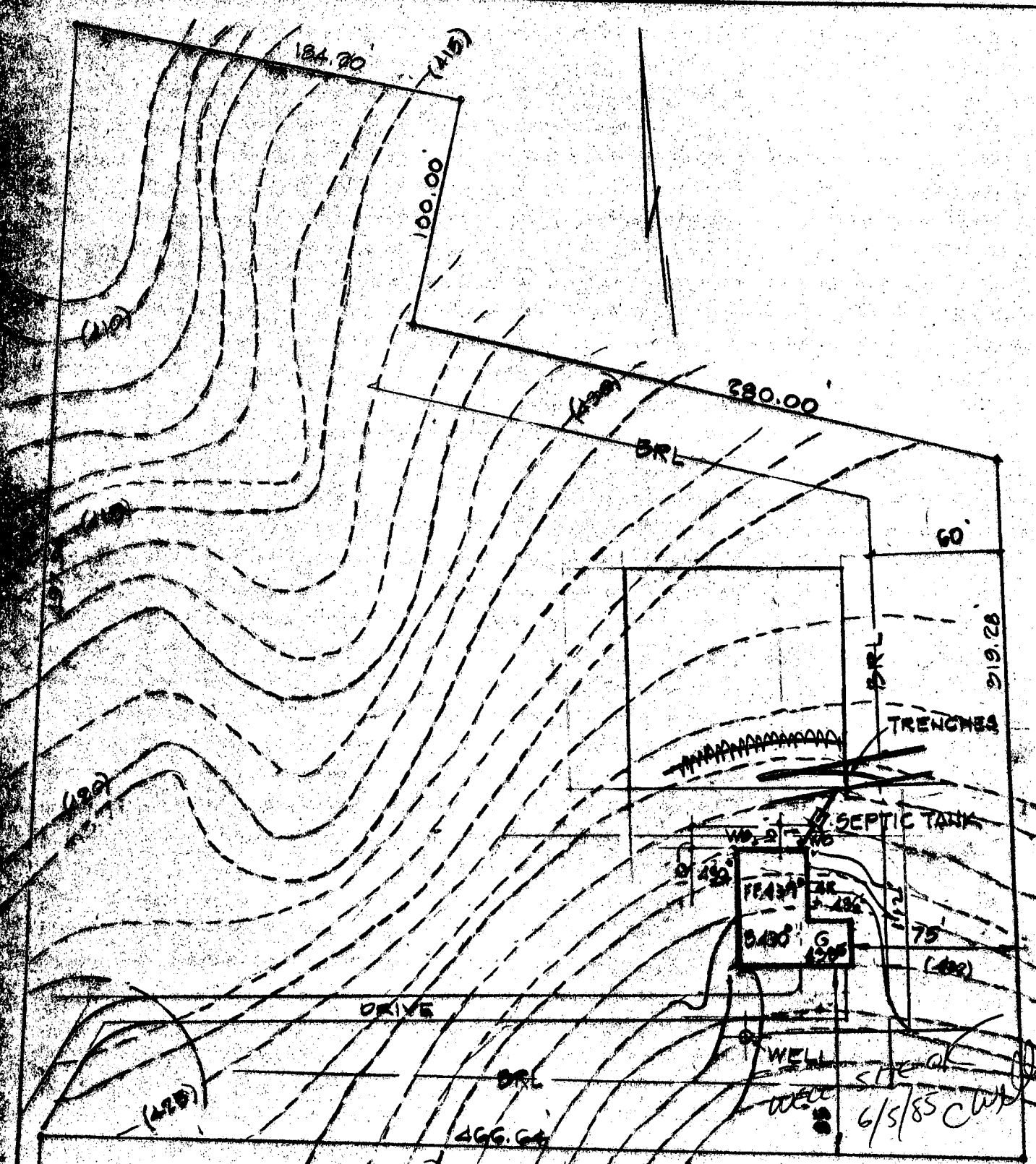
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/9/78	A D	14	1:23	1:26	1:26	1:37	11
	A S	5 1/2	1:20	1:24	1:24	1:28	4
	B D	13	1:50	2:00	2:05	2:20	15
	B S	4 1/2	2:17	2:38	2:38	3:04	26
	C D	14	2:00	2:03	2:03	2:06	3
	C S	3	2:00	2:05	2:05	2:15	10
	D	12	VISUAL				

100 ft / B.R.  
 12 min. avg.

REMARKS \_\_\_\_\_

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

TESTED BY [Signature] ALSO PRESENT DR. HSW  
BILL BROWN



**WELL DATA**  
 EX. GR. 434.00  
 FIN. GR. 425.00  
**SEPTIC SYSTEM DATA**  
 SEWER. INV. FROM HOUSE: 425.20  
**SEPTIC TANK**  
 EX. GR. 428.50  
 FIN. GR. 427.00  
 INV. IN 425.00  
 INV. OUT 424.75  
**TRENCH DATA**  
 EX. GR. 428.00  
 INV. 424.50

TWO TRENCHES  
 75' L F EA.  
 10' ON CENTERS  
 MAX 10' DP  
 STONE D TO G

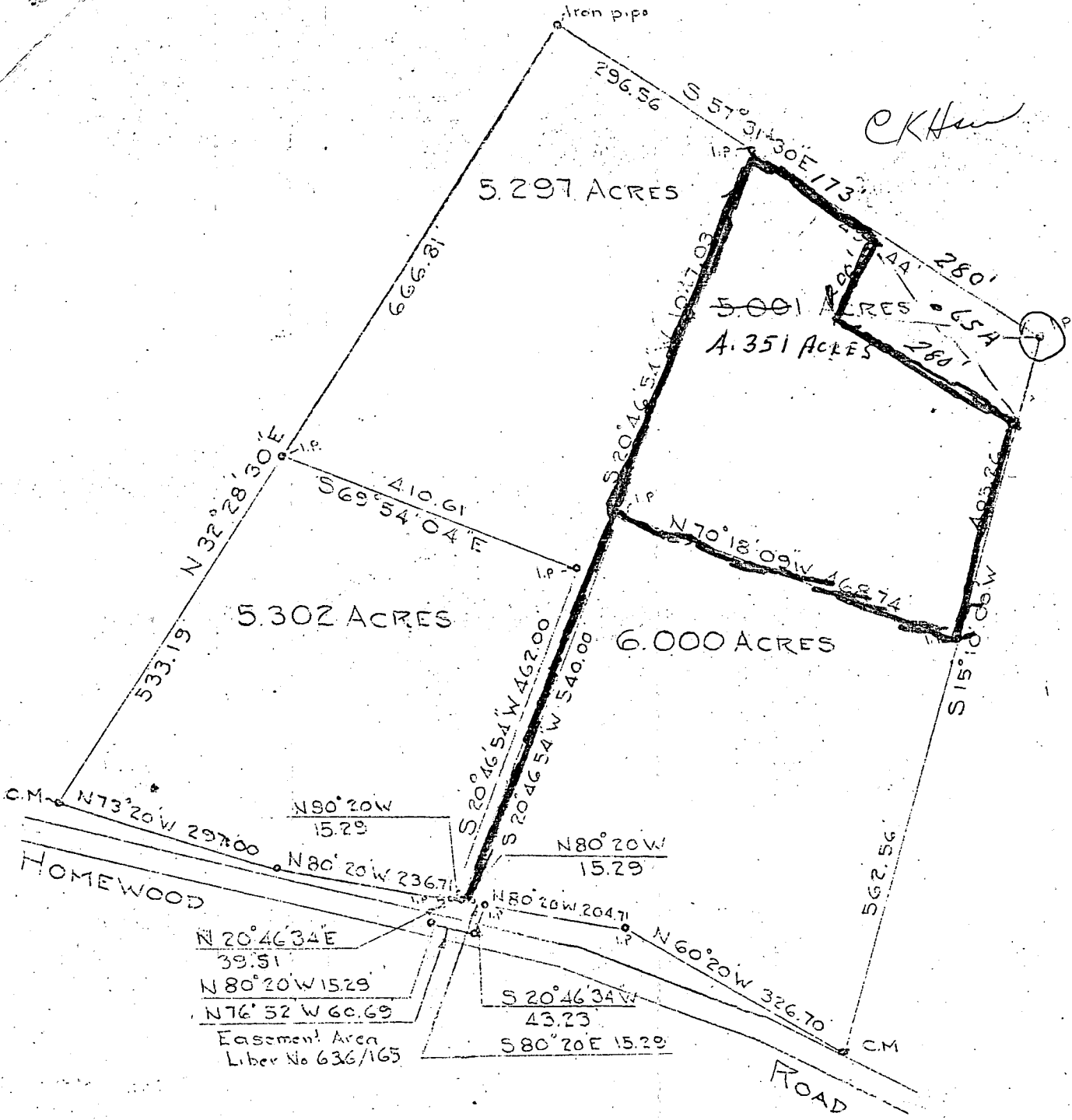
**PLOT PLAN**

11820 HOMELAND ROAD  
 PARCEL 307 TAX MAP 29  
 3RD DISTR. HO. CO. MD  
 APR. 26-85  
 SCALE 1" = 50'

ROY & SUZANNE OCKUN  
 10329 LOG RAFT  
 COLUMBIA, MD. 21044  
 driveway 11840

change trench location  
 slightly elev's ok F.F.

BLDG. PERMIT SIGNED  
 AND RETURNED 6-14-85



PLAT OF SURVEY  
 FOR  
 ANNE P.C. MULHOLLAND  
 THIRD ELECTION DIST. HOWARD CO.  
 ELLICOTT CITY, MARYLAND.  
 SCALE: 1 IN. = 200 FT.    JUNE 15, 1973

Class 9. A. 1. 1

A 2634



Page 1 of 1  
 Date 6/12/85

**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 81-1051  
 Location of property (road) 11820 Homewood Rd.  
 Subdivision MAP 29 PARCEL 307 Lot \_\_\_\_\_ Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller Joseph Mayne Owner Roy Ockun

Depth of well 305  
 Distance of measuring point (M.P.) above ground 1'  
 Static water level (S.W.L.) below M.P. 59'

High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 10 GPM.  
 Total time 30min. to reach pumping water level 201 ft. below M.P.

1. 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)
7:45	142	5 sec.		12
8:00	201	6		10
8:15	201	25		2½
8:30	201	25		2½
8:45	201	25		2½
9:00	202	25		2½
9:15	207	25		2½
9:30	209	30		2
9:45	208	34		1¾
10:00	208	34		1¾
10:15	208	34		1¾
10:30	208	34		1¾
10:45	208	34		1¾
11:00	208	34		1¾
11:15	208	34		1¾
11:30	208	34		1¾
11:45	208	34		1¾
12:00	208	34		1¾
12:15	208	34		1¾
12:30	208	34		1¾
12:45	208	34		1¾
1:00	208	34		1¾
1:15	208	34		1¾
1:30	208	34		1¾
1:45	208	34		1¾
2:00	208	34		1¾

B 1 8563

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-1051

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

please print or type

fill in this form completely

OWNER INFORMATION: Date Received 4/12/85 9:30 AM, Last Name OCKUN, Owner Roy, Street or RFD 10329 LOG RAFT, Town COLUMBIA, State MD, Zip 21044

LOCATION OF WELL: HOWARD COUNTY, PARCEL 307 MAP 29, SECTION 44, LOT 48, NEAREST TOWN ELILOCK, MILES FROM TOWN 1 1/2 MI

DRILLER INFORMATION: Driller's Name Joseph C. Magee, License No. 238, Firm Name Joseph C. Magee Well Drilling, Address 5512 Ridge Rd. Md. Queen, Md. 2177, Date 5/16/85

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) showing NW, N, NE, E, SE, S, SW, W directions. NEAR WHAT ROAD 11820 Homewood Road. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) showing N, S, E, W directions. DISTANCE FROM ROAD 2 1/2 MI

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: COUNTY NAME HOWARD, COUNTY NO. A28543, OEP SIGNATURE, DATE ISSUED 060585, CO SIGNATURE, EXP. DATE 12/5/85, NORTH GRID 515000, EAST GRID 0822000

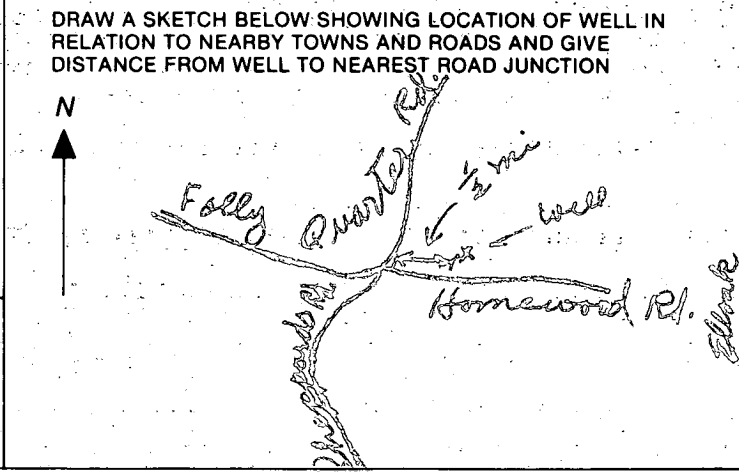
USE FOR WATER (CIRCLE APPROPRIATE BOX): HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY), FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION), INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT), PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH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

APPROXIMATE DEPTH OF WELL 300 FEET, APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X: Location OK, 42' casing, 38' open, 9' bags cement, 6/12/85. WRITE THE BOX NUMBER FROM THE MAP HERE: E 850 2, N 510 3

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): 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 DEEPEN AN EXISTING WELL, PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY): APPROX. PERMIT NUMBER GAP, FORCE CW, WRITE INITIALS IN BOX, PERMIT NO. 40-81-1051

SPECIAL CONDITIONS

WPI- 2/6/86

Lot 7

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Court House Square  
Ellicott City, Md. 21043  
461-9933

Parcel 307

PARCEL 307 OCKUM PROPERTY

FORMERLY CHAO KUANG 1750 PROP

New Installation X Replacement \_\_\_\_\_ Receipt # 36470  
Date 1/28/86

Name of Installer Carroll Water Systems Telephone 876-6880

License number 074 Certified Well Pump Installer X Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_  
JOE MAYNE

Name of Property Owner Standard Homes Telephone 465-3608  
Subdivision ~~FACETS~~ Lot # \_\_\_\_\_ Well tag # 170-01-1051  
Site Address 11820 Homewood Rd

**Pump**

1. Type  
a. Deep well jet \_\_\_\_\_  
b. Shallow well jet \_\_\_\_\_  
c. Submersible X

2. Make Goulds

3. Model # 201 SES05

4. Capacity 5 GPM

5. Pump exceeds well capacity Yes \_\_\_\_\_ No X

6. If Yes, is low pressure cutoff switch installed? Yes X No \_\_\_\_\_

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards X Other \_\_\_\_\_

**Motor**

1. Horsepower 1/2

2. RPM 3450

3. Voltage \_\_\_\_\_  
a. 110 \_\_\_\_\_  
b. 220 X

**Pitless Adapter**

1. Make Hardness

2. Model # PT 800

3. Depth 4'

**Tank**

1. Capacity 42 Gal

2. Pressure relief valve? YES

**Piping**

1. Type Black Plastic

2. Size 1"

3. NSF and/or BOCA Code approved \_\_\_\_\_

4. Depth of supply line 6'

**Well data**

1. Depth \_\_\_\_\_ ft.

2. Yield \_\_\_\_\_ GPM

3. Static water level \_\_\_\_\_ ft.

4. Will water supply be disinfected by installer? \_\_\_\_\_

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Carroll W. Jones  
Date: 1/28/86

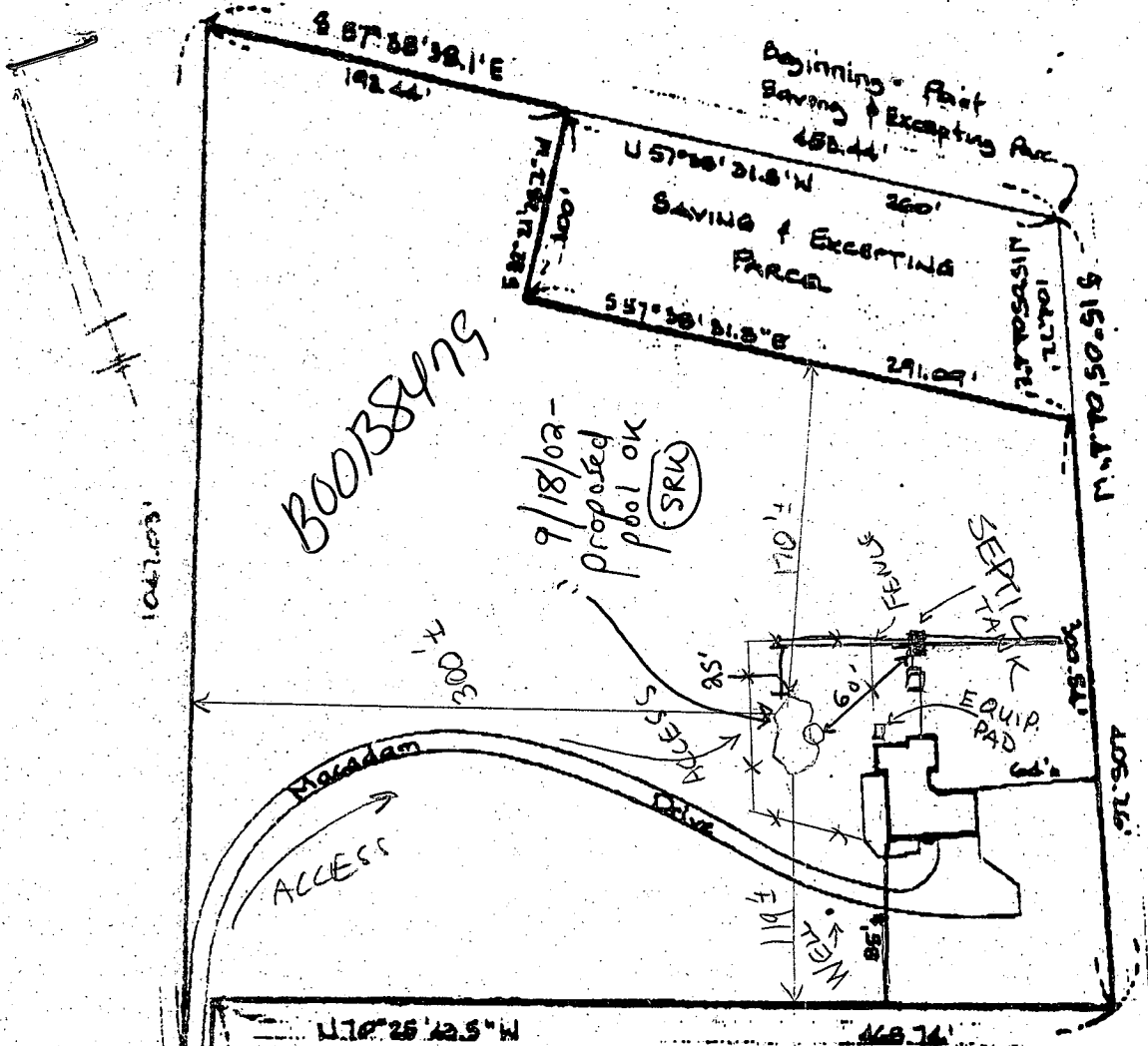
Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

- ① Pitless adapter OK
- ② Wires OK
- ③ Tag OK HO EI 1051
- ④ Pressure Tank ~~is~~ not yet installed
- ⑤ This lot is also called parcel 307
- ⑥ Work started on septic system

216186 RH

2/11/86 Called Standard Home  
NO answer

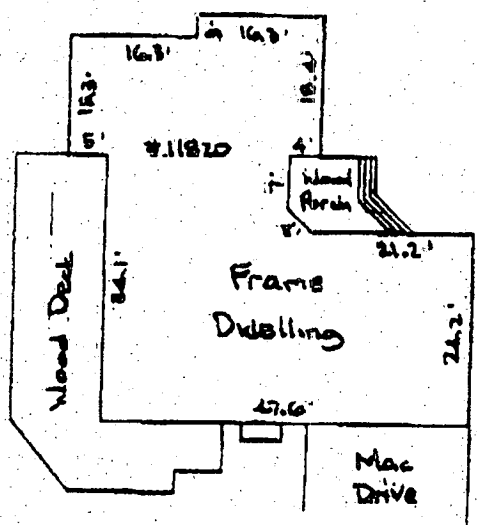
2/28/86 Called Standard Home  
I got information Jane found  
paperwork



00038479

9/18/02 -  
Proposed pool OK  
(SRK)

SCALE 1" = 100'



ENLARGED VIEW  
1" = 20'

Water Easement  
Gas  
Electric  
Fences

Reg. Point Description  
19.29'  
N 80° 14' 15" W  
HOMEWOOD ROAD

THE LOT SHOWN HEREON IS IN FLOOD ZONE C PER F.E.M.A. FLOOD INSURANCE RATE MAP PANEL 210044-0007 B

...to consider only insofar as it is ... of a title insurance company or its

OF MARY

1100