

9/14 pm

9-8-87  
LADAM

05-404940

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 39453

A 38091

DISTRICT 6th

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

DATE 6/12/87

DATE SYSTEM APPROVED 9/14/87

INSPECTOR RJH

Samuel Lyons

IS PERMITTED TO INSTALL X ALTER

ADDRESS 10600 SCAGGSVILLE RD PHONE 725 3392  
LAURIE 20707

SUBDIVISION ROAD 8740 Old Columbia Rd LOT 2

PROPERTY OWNER Larry & Joyce Iager

ADDRESS \_\_\_\_\_

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

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

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

**TRENCHES** - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

**LOCATION** - Beginning from the left front pipe stem lot corner, place 1st trench 170 feet down the left (517.40') lot line and 45 feet off the left line as seen when facing property from Old Columbia Road. Run trenches along contour towards the right front (341.74/227.60") lot corner. OK/SA

**NOTE** - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/SA

PLANS APPROVED BY B. Nixon DATE 6/12/87

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL. (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES.

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 TWO 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.

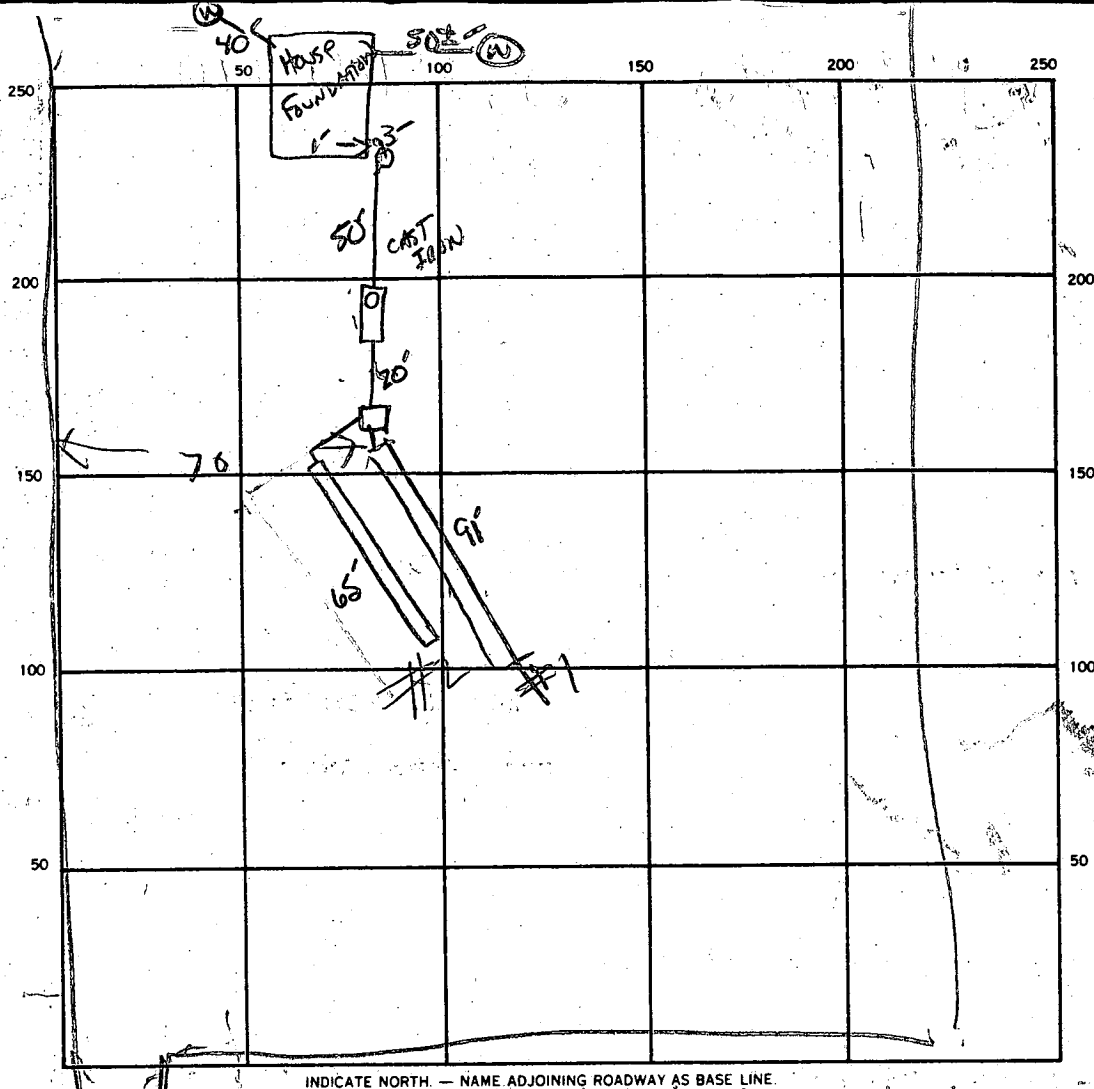
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 38091



W S C C  
PROP

150'

91  
4  
3 5/11

SEPTIC TANK LEVEL ✓ 1000 GAL CLEANOUTS ✓ ST. & AT HOUSE

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TILE FIELD DEPTH #1 | #2 FT. TRENCH WIDTH #1 | #2 FT. INLET DEPTH #1 | #2 FT.

EFFECTIVE GRAVEL DEPTH #1 | #2 FT. TOTAL LENGTH 91 | 65 FT. TOTAL ISGLF #1 | #2

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA #1 | #2 SQ. FT. 364 | 260

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 624 SQ. FT.

260  
364  
624

REMARKS 8/26/07 - LOCATION OK - TRENCH #1 IS DOG. ADD STONE TO TRENCH #1 & DIG TRENCH #2. INSTALL TANK & BOX & CALL R77  
9/9/07 OK TO STONE ALL TRENCHES LEAVE END OPEN. S. ALL  
9/10/07 OK TO FINISH TRENCHES AND CALL FOR FINAL S. ALL  
9/14/07 TRENCHES OK R77

DATE SYSTEM APPROVED 9/14/07 INSPECTOR Raymond Roddy

# APPLICATION

PERCOLATION TESTING

A 38090  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT: \_\_\_\_\_

DATE 11/24/86

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 LARRY & JOYCE  
Howard L. and Clara F. Iager ✓

ADDRESS 8564 Old Columbia Road, Laurel, Md. 20707 PHONE 725-0643

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

Farm and Personal Residence LOT NO. 22

ROAD AND DESCRIPTION 8740  
North West Corner of Old Columbia Road and Harding Roads

TAX MAP 46 PARCEL # 229

SIZE OF LOT 2 Acre TYPE BLDG. Single Family Dwelling  
(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.

Howard L. Iager Clara F. Iager 11-21-86  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

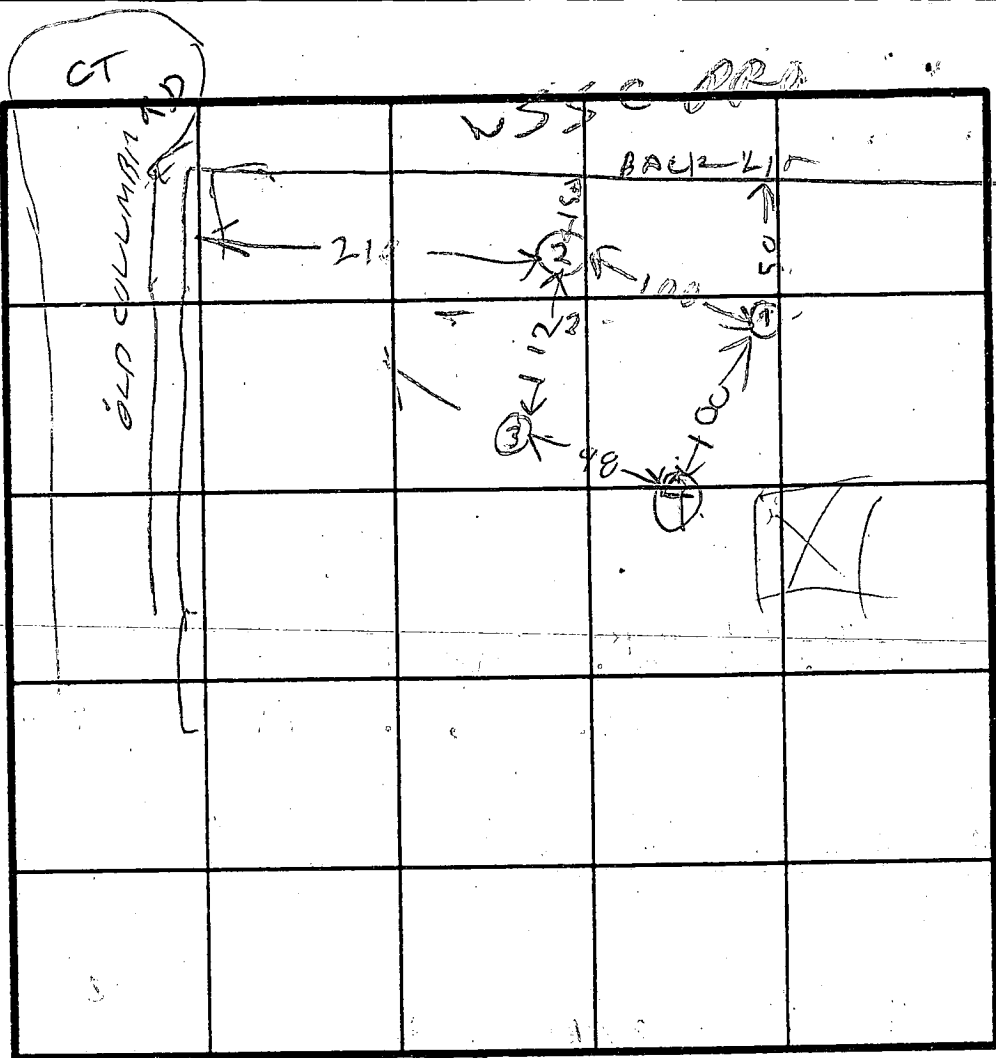
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 12/12/86 PERC OK - Hold for  
Certified Hole Plant BH Must Send Form Letter

BLDG. PERMIT SIGNED  
AND RETURNED 7/17/87  
8/1/87

# THIS IS NOT A PERMIT

BA 13407



HOLE ELEVATION  
 (1)(4) = HIGH  
 (2)(3) = LOW

60  
 100

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
 0  
 BROWN CLAY  
 3  
 BROWN SILT  
 5  
 BROWN SAND  
 mica

(2)  
 BROWN CLAY  
 3  
 BROWN GRAY SAND  
 SILT  
 JOYIN

(3)  
 TAN CLAY  
 4  
 PINK BROWN SAND  
 LOAM

(4)  
 BROWN CLAY  
 3  
 PINK BROWN SAND  
 LOAM  
 EH-12-009

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/2/81	10	6.5	1247	1253	1253	101	8
	15	3.5	1247	101	101	136	below
12/12/86	14	12	OK	BELOW 5 FT			
	23	3	102	120	120	140	30
12/12/86	24	12	OK	BELOW 3 FT			
	38	5 1/2	127	130	130	140	10
12/12/86	43	11 1/2	OK				
	45	4	128	130	130	131	
	46	12	OK				

REMARKS: HOLES OVER 200 FT FROM STREAM

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

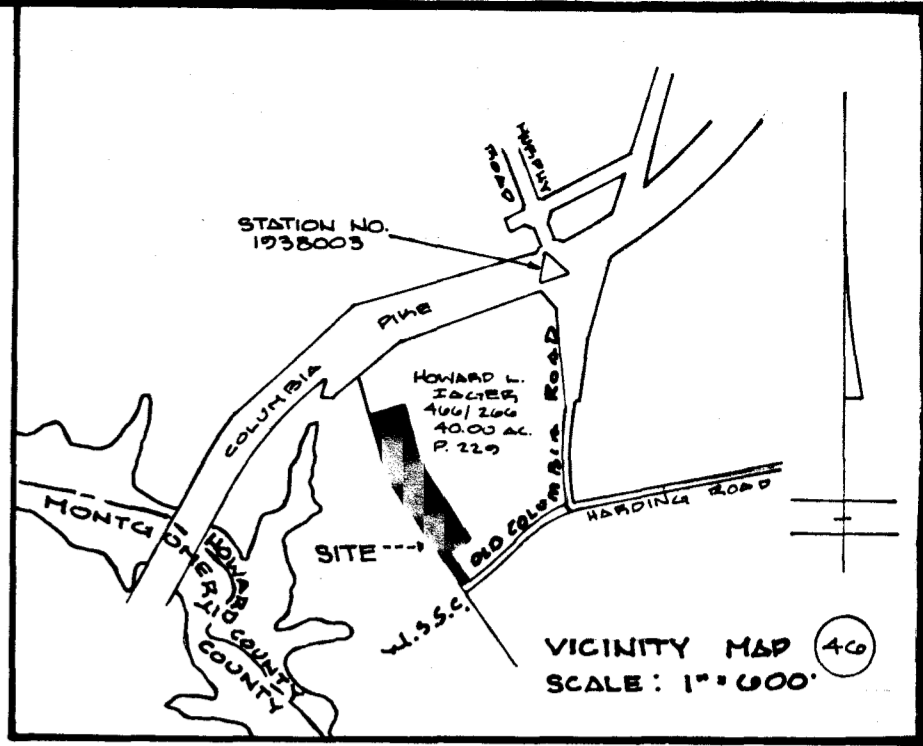
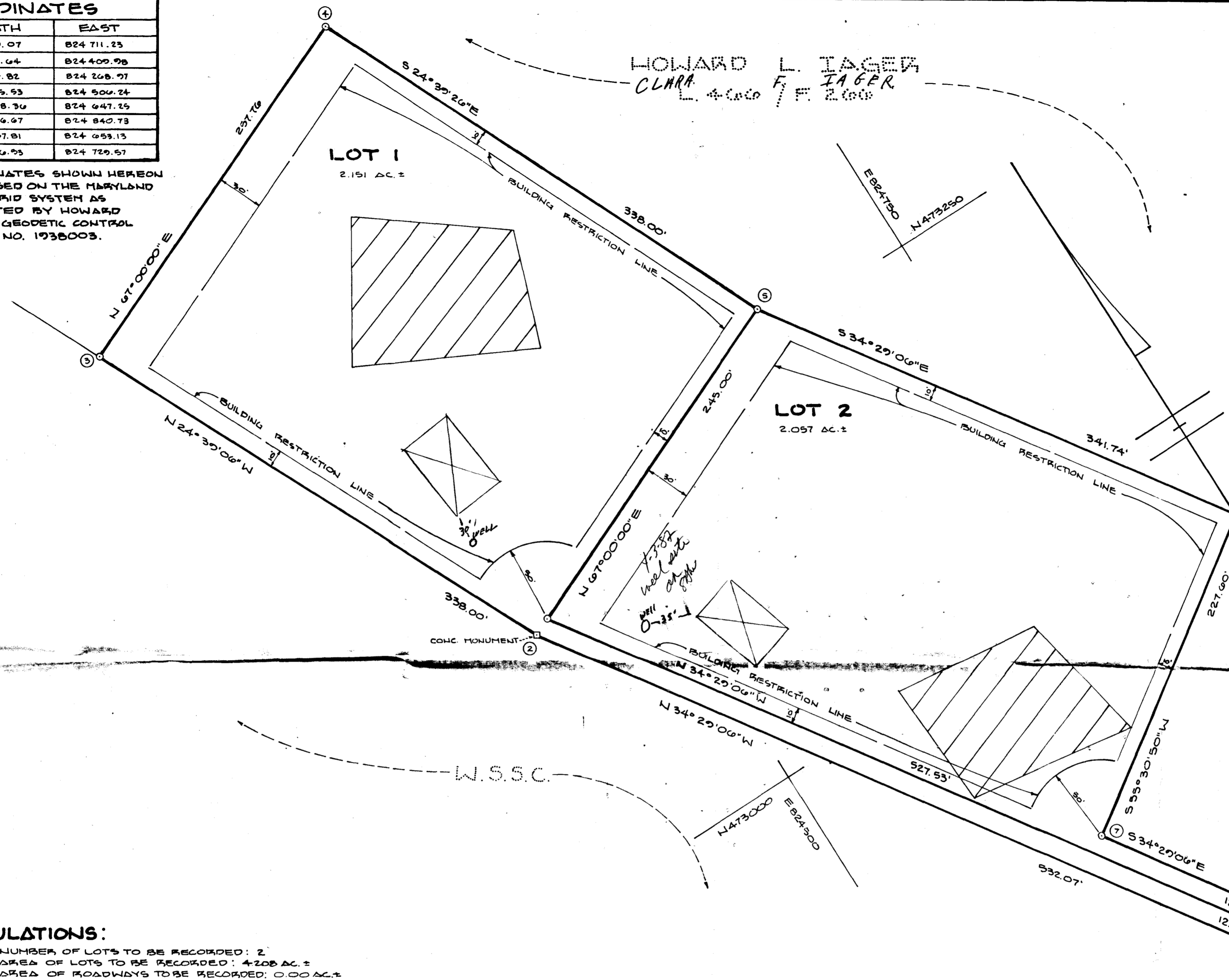
TESTED BY R. HODGES

ALSO PRESENT FLYCK CO. ROBERT SKIP

Fagerman

NO	NORTH	EAST
1	472 729.07	824 711.23
2	473 167.64	824 409.98
3	473 474.82	824 268.97
4	473 579.93	824 906.24
5	473 268.36	824 647.25
6	472 986.67	824 840.73
7	472 857.91	824 653.13
8	472 746.93	824 729.57

COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATION NO. 1938003.



- NOTES:**
- SUBJECT PROPERTY ZONED "R-20" PER 8-2-1989 COMPREHENSIVE ZONING PLAN.
  - SUBJECT TO V.P. 87-56
  - THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 # AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL SEWERAGE IS AVAILABLE. THE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
  - LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF MENTAL HEALTH AND HYGIENE
  - INDICATES IRON BAR SET.

**TABULATIONS:**

TOTAL NUMBER OF LOTS TO BE RECORDED: 2  
 TOTAL AREA OF LOTS TO BE RECORDED: 4.208 AC ±  
 TOTAL AREA OF ROADWAYS TO BE RECORDED: 0.00 AC ±  
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 4.208 AC ±

**APPROVED:** FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

**APPROVED:** HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

**APPROVED:** FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

**SURVEYORS CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT. THAT IT IS A SUBDIVISION OF ALL OF THAT LAND WHICH BY DEED DATED THE 11<sup>TH</sup> DAY OF FEBRUARY, 1935 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 279 FOLIO 990, ETC. WAS GRANTED AND CONVEYED BY GEORGE B. IAGER, WIDOWER, UNTO HOWARD L. IAGER, HIS SON, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY, AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

Walter Park  
 WALTER PARK REG. PROF. L.S. NO. 5539 DATE 3/3/1987

**OWNERS CERTIFICATE**

I HOWARD L. IAGER, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES, ALL EASEMENTS OF RIGHTS-OF-WAY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.

WITNESS OUR HANDS THIS DAY OF MARCH 1987

HOWARD L. IAGER  
 CLARA F. IAGER  
 WITNESS \_\_\_\_\_  
 8564 OLD COLUMBIA RD  
 LAUREL MD 20707  
 775-0647 OR 776-6622

RECORDED AS PLAT NO. \_\_\_\_\_ ON \_\_\_\_\_ AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

**IAGER ESTATES**

LOTS 1 & 2  
 TAX MAP 46 PARCEL 229  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE: 1"=50' DATE: 3-3-87

ENGINEER:  
 HUDKINS ASSOCIATES INC.  
 231 HARPERS CHOICE VIL. CTR.  
 5455 HARPERS FARM RD.  
 COLUMBIA, MARYLAND 21044

**SITE PLAN**

LOTS 1 AND 2  
 OLD COLUMBIA ROAD F-81-158  
 IAGER ESTATES  
 TAX MAP 46 PARCEL 229  
 PLAT REF  
 GIS ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE 1"=50' DATE 06/29/87

**LOT 1:** FF 375.00  
 DISTRIBUTION BOX  
 EXIST. ELEVATION 369.00  
 INVERT 365.50  
 TANK  
 EXIST. ELEVATION 372.50  
 INV. OUT 366.14  
 INV. IN 366.44  
 INVERT AT HOUSE 367.08

**LOT 2:** FF 381.50  
 DISTRIBUTION BOX  
 EXIST. ELEVATION 376.20V  
 INVERT 372.10V  
 TANK  
 EXIST. ELEVATION 376.20V  
 INV. OUT 373.44V  
 INV. IN 373.74V  
 INVERT AT HOUSE 374.40V

HOWARD L. IAGER  
 CLARA F. IAGER  
 L. 400 / F. 200

7/17/87  
 elevations de  
 S.M. or  
 trench amt. insufficient  
 to show. S.M.

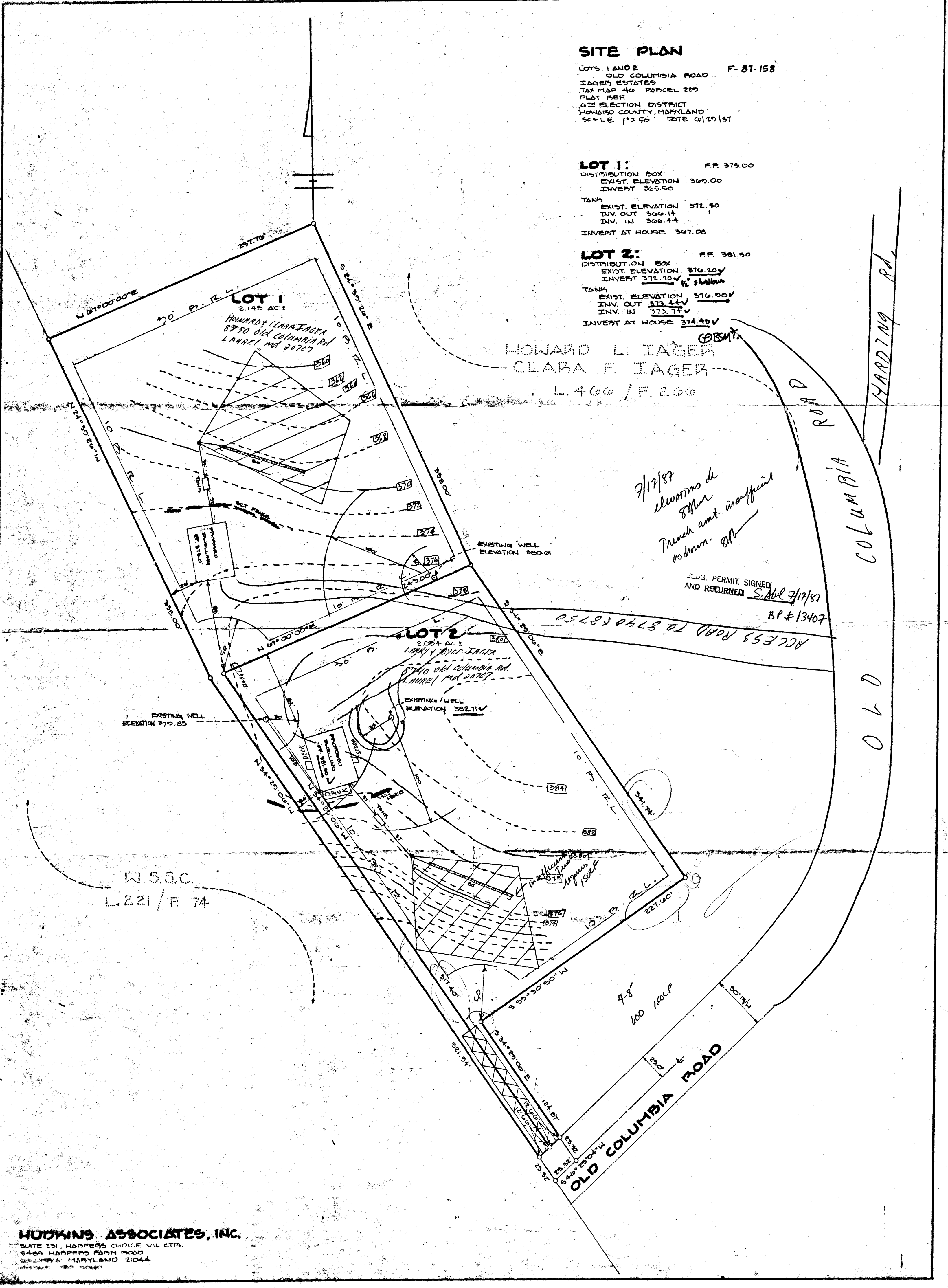
SLUG PERMIT SIGNED  
 AND RETURNED 12/17/87  
 S. A. W. #1340

ACCESS ROAD TO 8740 (8750)

W.S.S.C.  
 L. 221 / F. 74

**HUDKINS ASSOCIATES, INC.**

SUITE 231, HARRIS CHOICE VIL. CTB.  
 5485 HARRIS FARM ROAD  
 COLUMBIA, MARYLAND 21044



B 1 **8209** SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

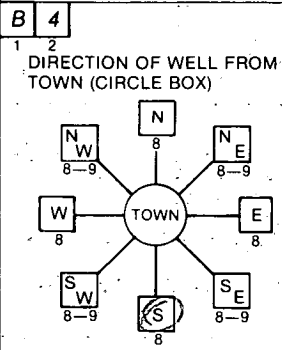
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

OEP PERMIT NUMBER  
**40-81-2354**  
 fill in this form completely

Date Received **5/7/82**  
 OWNER INFORMATION  
**JAGER** **E** **CLARA**  
 Last Name Owner First Name  
**8564 OLD COLUMBIA RD**  
 Street or RFD  
**LAUREL** **MD 20707**  
 Town State Zip

B 3 LOCATION OF WELL **Well II**  
**HOWARD**  
 COUNTY  
**JAGER ESTATES**  
 SUBDIVISION  
 SECTION **2** LOT **2**  
**SCAGGSVILLE**  
 NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **1** **M**

DRILLER INFORMATION  
**Joseph L. Wagner** **238**  
 Driller's Name License No. 80  
**Joseph L. Wagner WPL DRILLING**  
 Firm Name  
**5512 Ridge Rd. Mt. Airy, Md. 21771**  
 Address  
**Joseph L. Wagner** **3/11/87**  
 Signature Date



**Old Columbia Road**  
 NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 DISTANCE FROM ROAD **460** FT  
 ENTER FT or MI **FT**

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **860**

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  
 COUNTY NAME **Howard** COUNTY NO. **A 38091**  
 OEP SIGNATURE \_\_\_\_\_ STATE HEALTH INSERT S \_\_\_\_\_  
 DATE ISSUED **10-31-87** EXP. DATE  
 CO SIGNATURE **Edmund**  
 NORTH GRID **473000** EAST GRID **0824000**

APPROXIMATE DEPTH OF WELL **260** FEET

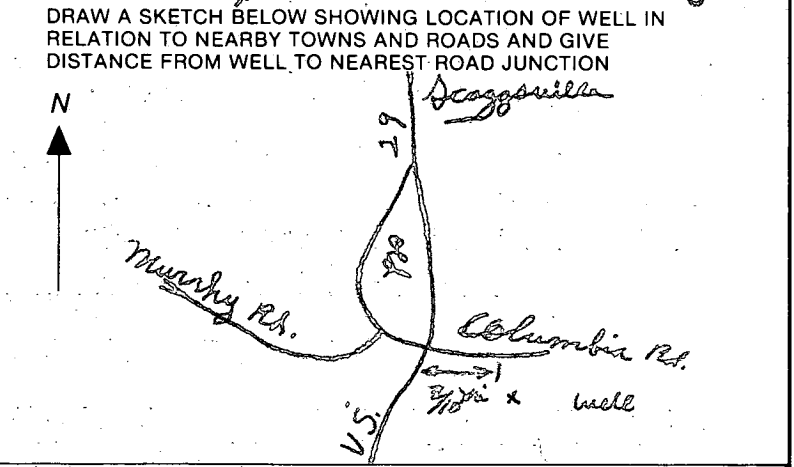
APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

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

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) \_\_\_\_\_

Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 FORCE **5A** WRITE INITIALS IN BOX PERMIT No. **40-81-2354**

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 **8204**  
 N **4703**  
 Location OK  
 63' casing  
 1' above  
 50' - open  
 16 - stages  
 5/7/86





FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2067  
 Location of property (road) OLD Columbia Pike II  
 Subdivision Page Prop Lot 2 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller Joseph Mayne Owner Clara Tager

Depth of well 360'  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 41'

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 12 gal.  
 Total time 45 min. to reach pumping water level 237 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	120	5		12
8:30	191	6	116	10
8:45	237	6	<u>60</u> 192	10
9:00	237	40	<u>00</u> 294	1.5
9:15	237	40	<u>96</u> 486 gal	1.5
9:30	237	40	<u>96.0</u> 486 gal	1.5
9:45	237	40	<u>192.0</u>	1.5
10:00	236	40	237	1.5
10:15	236	36	<u>41</u> 196	1.6
10:30	236	36	<u>15</u> 280	1.6
10:45	236	36	<u>196</u>	1.6
11:00	236	36	<u>294.0</u>	1.6
11:15	236	36		1.6
11:30	236	36		1.6
11:45	236	36		1.6
12:00	236	36		1.6
12:15	236	36		1.6
12:30	236	36		1.6
12:45	236	36		1.6
1:00	236	36		1.6
1:15	236	36		1.6
1:30	236	36		1.6
1:45	236	36		1.6
2:00	236	36		1.6
2:15	236	36		1.6
2:30	236	36		1.6

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2054  
 Location of property (road) Old Columbia Rd, well I  
 Subdivision Lager Prop Lot 2 Block          Plat          Sec.           
 Well Driller Joseph Maize Owner Clara Lager

Depth of well 360'  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 37'

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 12 gal.  
 Total time 45 min to reach pumping water level 253 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)
7:45	128'	5	3	12
8:00	184	5	.75	12
8:15	253	6	$\frac{60}{20}$	10
8:30	253	80	450	34
8:45	253	80	45.00	34
9:00	253	80	$\frac{90}{2}$ 90	34
9:15	254	80	210 gal	34
9:30	255	80	80	34
9:45	254	110	$\frac{115}{400}$	34
10:00	254	110	80	34
10:15	254	110	120.0	34
10:30	254	110		34
10:45	254	110		34
11:00	254	110		34
11:15	253	80		34
11:30	253	80		34
11:45	253	80	Use both wells for same lot:	34
12:00	253	80	210 Well I	34
12:15	253	80	486 Well II	34
12:30	253	80	$\frac{696}{2}$ gal	34
12:45	253	80		34
1:00	253	80	6-587 JEN	34
1:15	253	80		34
1:30	253	80		34
1:45	253	80		34
2:00	253	80		34

LOT 2 JAGER PROP

Ⓢ # 39453  
B1000  
6/12/87

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

CK # 475

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X  
Replacement \_\_\_\_\_

Receipt # 39453  
Date 6/12/87

Name of Installer SAMUEL LYONS

Telephone \_\_\_\_\_

License Number \_\_\_\_\_  
Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_

Name of Property Owner \_\_\_\_\_ Telephone \_\_\_\_\_  
Subdivision CLARA JAGER PROP Lot # 2 Well Tag # HO-81-2067 well #2  
Site Address 8740 OLD COLUMBIA HO 81 2054 well #1

<b>Pump</b>	<b>Motor</b>	<b>Pitless Adapter</b>
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make _____	b. 220 _____	
3. Model # _____		
4. Capacity _____ GPM		
5. Pump exceeds well capacity Yes _____ No _____		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____		

<b>Tank</b>	<b>Piping</b>	<b>Well data #2</b>	<b>#1</b>
1. Capacity _____	1. Type _____	1. Depth <u>360</u> ft.	<u>360'</u>
2. Pressure relief valve? _____	2. Size _____	2. Yield _____ GPM	
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.	
	4. Depth of supply line _____	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: \_\_\_\_\_

Date: \_\_\_\_\_

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

B 7 8274 SEQUENCE NO. (OEP, USE ONLY)  
1 2 3 6  
(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  
HO-81-2067  
70 fill in this form completely 79

Date Received  
OWNER INFORMATION  
8 13  
TAGER E CLARA  
15-34  
Last Name Owner First Name  
1564 OLD COLUMBIA RD  
36-55  
Street or RFD  
LAWANCI  
57-76  
Town State Zip

B 3 LOCATION OF WELL well I  
1 2  
HOWARD  
8 COUNTY 21  
TAGER ESTATES  
23 SUBDIVISION 42  
SECTION 44 46 LOT 2 50 WELL 2  
SCAGESVILLE  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) 1 73 76 77 78

DRILLER INFORMATION  
Joseph L. Mayer  
278  
Driller's Name 77 License No. 80  
Joseph L. Mayer Well Driller  
Firm Name  
5512 Ridge Rd. Int. Hwy 2177  
Address  
Joseph L. Mayer  
5/5/87  
Signature Date

B 4  
1 2  
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
NORTH N  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
W 32 E  
WEST EAST  
SOUTH S  
34 5785 37  
DISTANCE FROM ROAD  
ENTER FT or MI AA  
38 39  
OLD COLUMBIA RD.  
11 NEAR WHAT ROAD 30

B 2 WELL INFORMATION  
1 2  
APPROX. PUMPING RATE (GAL. PER MIN.) 5  
8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500  
14 20

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  
A38091  
COUNTY NO.  
OEP SIGNATURE DATE ISSUED  
50787  
CO SIGNATURE EXP. DATE  
11/07/87  
NORTH GRID 473000 EAST GRID 0824000  
50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET  
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH  
NEAREST INCH

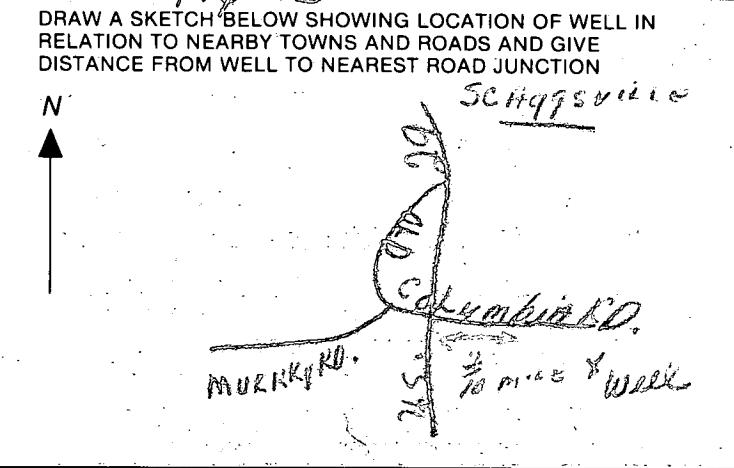
METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
37 CABLE REVERSE-ROTary DRIVE-POINT  
other

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  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

Not to be filled in by driller (OEP USE ONLY)  
APPROP. PERMIT NUMBER GAP  
54 63  
FORCE INITIALS PERMIT No. HO-81-2067  
67 68 IN BOX 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. WELL  
2. Not present for 40' open  
3. vent  
WRITE THE BOX NUMBER FROM THE MAP HERE 5/7/87  
E 826 4  
N 470 3  
000 000  
well



C1 2420 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 38091

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

DATE Received, DATE WELL COMPLETED, Depth of Well, PERMIT NO.

OWNER, STREET OR RFD, SUBDIVISION, SECTION, TOWN, WELL #2

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and Check if water bearing.

GROUTING RECORD: WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) diameter, depth (feet).

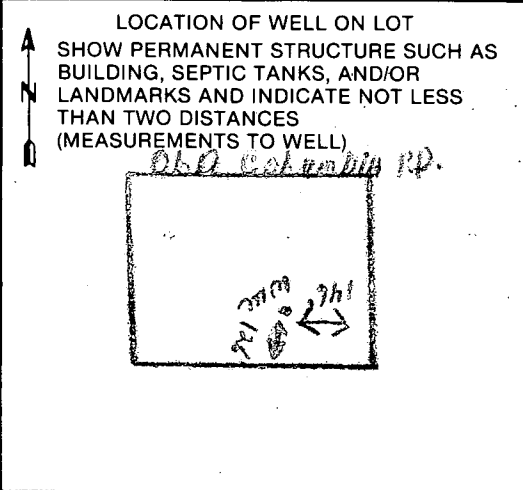
SCREEN RECORD: screen type or open hole, insert appropriate code below, DEPTH (nearest ft.).

SLOT SIZE, DIAMETER OF SCREEN, GRAVEL PACK, IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

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

PUMPING TEST: HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP, TYPE OF PUMP INSTALLED, CAPACITY, GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE.



CIRCLE APPROPRIATE LETTER 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., DRILLERS SIGNATURE, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).



5/6/87

Well B

LOCATION OK

34F7 open/ho

NOT GUNTER Today well pro only

Be grateful tomorrow

Remember

BH



5/6/27

- ① LOCATION OK
- ② Well not grouted today  
but will probably be grouted  
tomorrow

B J Hodge

Don't forget tags