

10/26/87
AM

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

04-344731

P 39745

A 31159

DISTRICT 4th

DATE 7/28/87

DATE SYSTEM APPROVED 10/27/87

INSPECTOR KH

INDEXED

C. R. Giddings & Son

IS PERMITTED TO INSTALL X ALTER

ADDRESS 9442 Old Scaggsville Road, Laurel, MD 20707 PHONE 776-7523

SUBDIVISION Patapsco Overlook II ROAD 619 Weller Drive LOT 15, Sec. 2

PROPERTY OWNER Eugene Germann

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 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start first trench 125 feet from the back lot line and 140 feet from the right lot line as seen when facing the property from Weller Drive. Run trench(s) along contour toward right side of property.

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

PLANS APPROVED BY C. Williams DATE 12/29/86

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: 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.

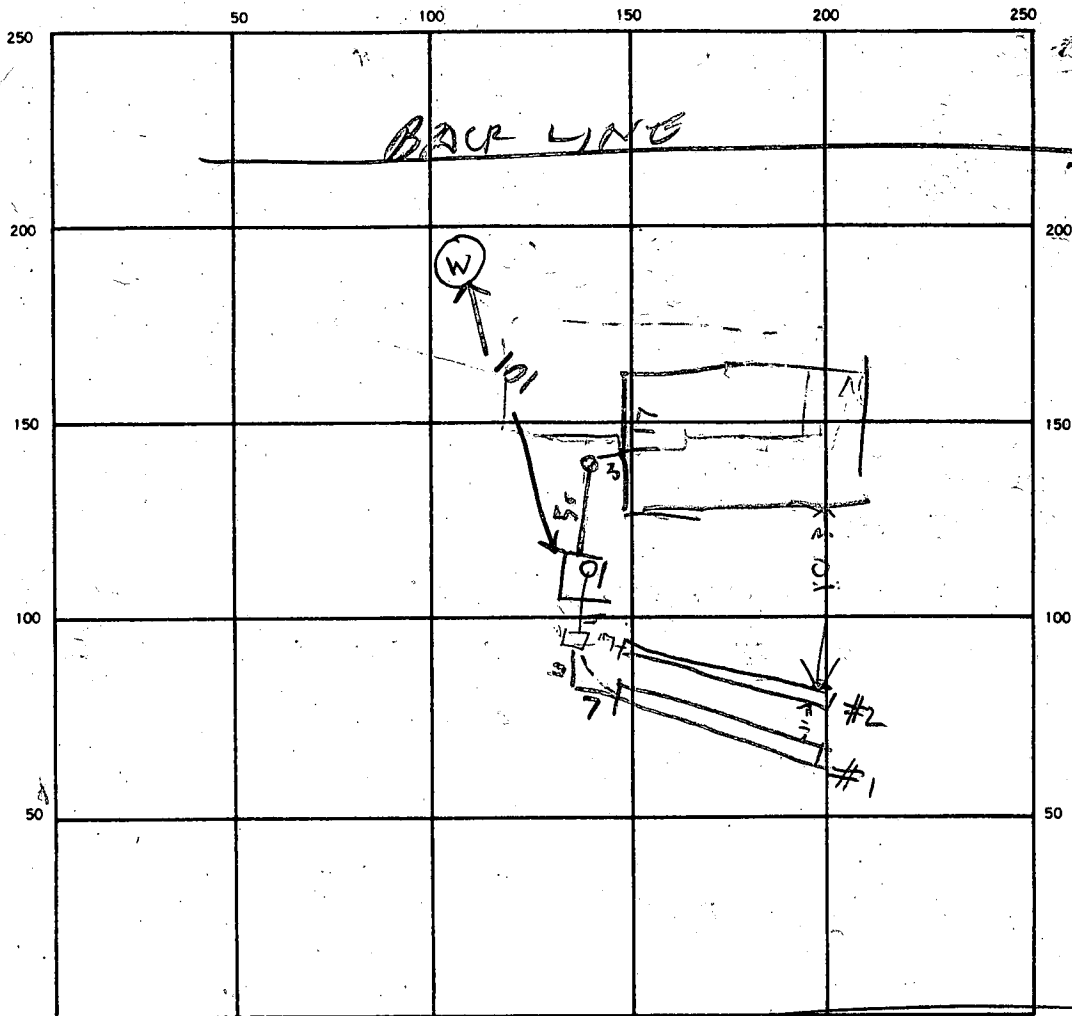
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

10/27/87
31159



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE.

WELLS DR

SEPTIC TANK. LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX. LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH $\frac{1}{2}$ / $\frac{7}{7}$ FT. TRENCH WIDTH $\frac{1}{2}$ / $\frac{2}{2}$ FT. INLET DEPTH $\frac{1}{2}$ / $\frac{3}{3}$ FT.

EFFECTIVE GRAVEL DEPTH $\frac{1}{2}$ / $\frac{4}{4}$ FT. TOTAL LENGTH $\frac{1}{2}$ / $\frac{100}{100}$ / $\frac{2}{200}$ FT.

NUMBER OF TRENCHES $\frac{2}{2}$ ONE SIDEWALL/BOTTOM AREA $\frac{800}{800}$ SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 10/26/87 LOCATION OK TRENCHES DUG ADD STONE TO
TRENCHES & CALL RANGES
11/27/87 - TRENCH OK R11

DATE SYSTEM APPROVED 10/27/87 INSPECTOR Raymond Hodges

PRELIMINARY

APPLICATION

31159
~~31153~~

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE March 26, 1981

2/9/81

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 Georgia Avenue Properties, Inc.

Jack Boender

ADDRESS 13638 Georgia Avenue, Wheaton, Md. 20906

PHONE 465-7777

PROPERTY LOCATION:

SUBDIVISION Georgia Avenue

LOT NO. 15

ROAD AND DESCRIPTION Route 94 and Old Frederick Road

SIZE OF LOT 3 acres m/l

TYPE BLDG. 3 or 4 bedrooms

(NUMBER OF 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. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. /s/ Jack Boender for E. Brooke Lee, III

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

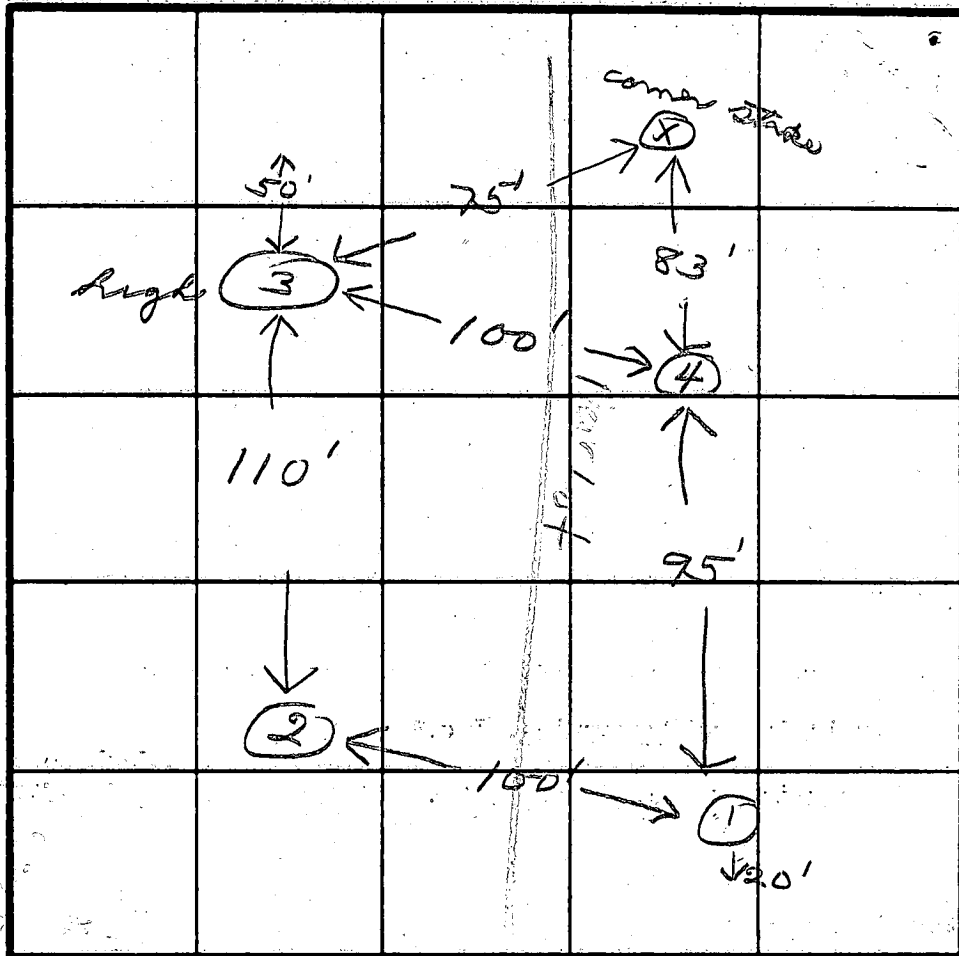
THIS IS NOT A PERMIT

New - 4

LOT 15

① ② ③ ④
SOIL PROFILE

0'	clay
3'	loam
12'	small stones, shale
③	clay
3'	sand & clay
12'	



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

perc area 120'
HOUSE SITE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/1/81	1 S	7	1:11	1:14	1:14	1:16	2
	1 M	7	1:11	1:13	1:13	1:18	5
	2 S	7	1:20	1:25	1:25	1:30	5
	2 M	7	1:20	1:30	1:30	1:40	10
	3 S	7	1:31	1:33	1:33	1:35	2
	3 M	7	1:32	1:43	1:43	2:02	19
	4 V	12					

mb
3'
12-min
43

Fluor

REMARKS OK

TYPE OF SOIL _____

TESTED BY [Signature] ALSO PRESENT Richard Lee

APPLICATION

3/1/59

Pre

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 4th

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 2/9/81

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 Georgia Ave. Properties Inc.

ADDRESS c/o E. Brook Lee III, 13838 Ga. Ave, Wheaton, Md.

PROPERTY LOCATION:

SUBDIVISION Georgia Ave Properties LOT NO. 15

ROAD AND DESCRIPTION Md. Rte. 94 and Old Frederick Rd.

SIZE OF LOT 3.4 ac + .1 TYPE BLDG. Brick 4

IF NOT SINGLE RESIDENCE DESCRIBE NA NUMBER OF BEDROOMS

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

SIGNATURE OF APPLICANT [Signature]
Agent

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

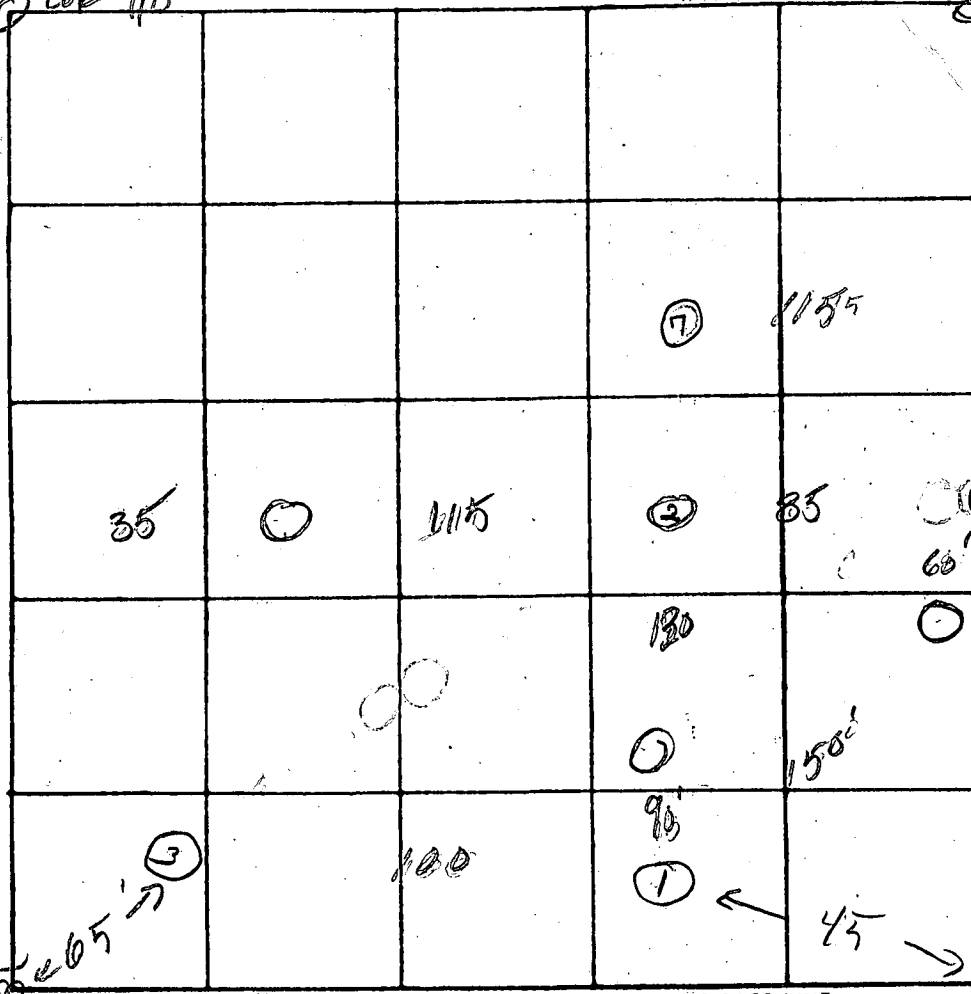
THIS IS NOT A PERMIT

Lot 13

Cor 14/15

Cor 15/16

Lot 15



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Road A

Cor 15/16

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/26/80	1	10	Heavy w. shale did not perc					
	2	12	clay to 7' did not perc					
	3	12	water at 10'					
2/27/81	75 1M	4 8'	3:28 3:29	XX 3:33	XX 3:33	XX 3:45	FAIL	

REMARKS

TYPE OF SOIL

TESTED BY (Signature) 2/27/80

SK 2/28/80

ALSO PRESENT:

C1 2381		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		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 A-31159	
DATE Received		DATE WELL COMPLETED		PERMIT NO. FROM "PERMIT TO DRILL WELL"	
<div style="border: 1px solid black; width: 100px; height: 20px;"></div>		043087		HO-81-2027	
OWNER		last name GERMANA		first name EUGENE	
STREET OR RFD		WELLS RD.		TOWN WOODBINE	
SUBDIVISION		PATAPSCO OVERLOOK		SECTION 2 LOT 15	
WELL LOG Not required for driven wells		GROUTING RECORD		C 3	
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		WELL HAS BEEN GROUTED (Circle Appropriate Box)		PUMPING TEST	
DESCRIPTION (Use additional sheets if needed)		TYPE OF GROUTING MATERIAL		HOURS PUMPED (nearest hour)	
FEET		CEMENT CM BENTONITE CLAY BC		to nearest gal.)	
FROM TO		NO. OF BAGS 18 NO. OF POUNDS 1692		PUMPING RATE (gal. per min. 1 1/2	
Check if water bearing		GALLONS OF WATER 108		METHOD USED TO MEASURE PUMPING RATE bucket	
Brown shale 0 78		DEPTH OF GROUT SEAL (to nearest foot)		WATER LEVEL (distance from land surface)	
Blue Rock 78 500 ✓		from 0 ft. to 50 ft.		BEFORE PUMPING 38	
Dry well 500'		Casing types insert appropriate code below		WHEN PUMPING 244	
Filled in with cement		Casing RECORD		TYPE OF PUMP USED (for test)	
+ Drilling continues.		ST CO STEEL CONCRETE		A air P piston T turbine	
Dry well 500'		PL OT PLASTIC OTHER		C centrifugal R rotary O other (describe below)	
Filled in with cement		MAIN Casing TYPE ST		J jet S submersible	
+ Drilling continues.		Nominal diameter top (main) casing (nearest inch) 6			
Dry well 500'		Total depth of main casing (nearest foot) 86			
Filled in with cement		OTHER CASING (if used)		PUMP INSTALLED	
+ Drilling continues.		diameter inch 6 depth (feet) from 0 to 86		DRILLER WILL INSTALL PUMP YES NO	
Dry well 500'		screen type or open hole		IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
Filled in with cement		ST BR HO STEEL BRASS OPEN HOLE		TYPE OF PUMP INSTALLED	
+ Drilling continues.		PL OT PLASTIC OTHER		PLACE (A,C,J,P,R,S,T,O)	
Dry well 500'		DEPTH (nearest ft.)		IN BOX-SEE ABOVE:	
Filled in with cement		84 500		CAPACITY:	
+ Drilling continues.				GALLONS PER MINUTE	
Dry well 500'				(to nearest gallon)	
Filled in with cement				PUMP HORSE POWER	
+ Drilling continues.				(nearest ft.)	
Dry well 500'				PUMP COLUMN LENGTH	
Filled in with cement				(nearest ft.)	
+ Drilling continues.				CASING HEIGHT (circle appropriate box and enter casing height)	
Dry well 500'				+ above	
Filled in with cement				LAND SURFACE	
+ Drilling continues.				2 (nearest foot)	
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Dry well 500'					

Page 1 of 1
Date 4/30/87

Review OK 6-11-87 JEN

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2027

Location of property (road) Willy Rd.

Subdivision Potapscow Overlook

Lot 15 Block Plat Sec. 2

Well Driller Joseph M. Mays

Owner Eugene J. Jernigan

Depth of well 500'

Distance of measuring point (M.P.) above ground 2'

Static water level (S.W.L.) below M.P. 38

I. High rate pumping -- reservoir drawdown

Time pump started 7:15

Pumping rate 12 gal.

Total time 45 min. to reach pumping water level 244 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 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:30	125 ft.	5 sec.	60	12 gal.
7:45	193	5	116 309	12
8:00	244	6	360 192	10
8:15	244	36	60 96.0	1.6
8:30	244	36	2 192.	1.6
8:45	244	36		1.6
9:00	244	36	206	1.6
9:15	244	36	244 1.5	1.6
9:30	244	36	38 1030	1.6
9:45	244	36	206 206	1.6
10:00	244	36	309.0	1.6
10:15	244	36		1.6
10:30	244	36		1.6
10:45	244	36		1.6
11:00	244	36		1.6
11:15	244	36		1.6
11:30	244	36		1.6
11:45	244	36		1.6
12:00	244	36		1.6
12:15	244	38		1.6
12:30	244	38		1.6
12:45	244	36		1.6
1:00	244	36		1.6
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1:45	244	36		1.6

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SEQUENCE NO.
(OEP USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

OEP PERMIT NUMBER
fill in this form completely

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DATE RECEIVED

OWNER INFORMATION

DRILLER INFORMATION

WELL INFORMATION

USE FOR WATER (CIRCLE APPROPRIATE BOX)

APPROXIMATE DEPTH OF WELL

APPROXIMATE DIAMETER OF WELL

METHOD OF DRILLING (circle one)

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

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

SPECIAL CONDITIONS

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LOCATION OF WELL

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

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

4/30/87

location - 2nd site
approved

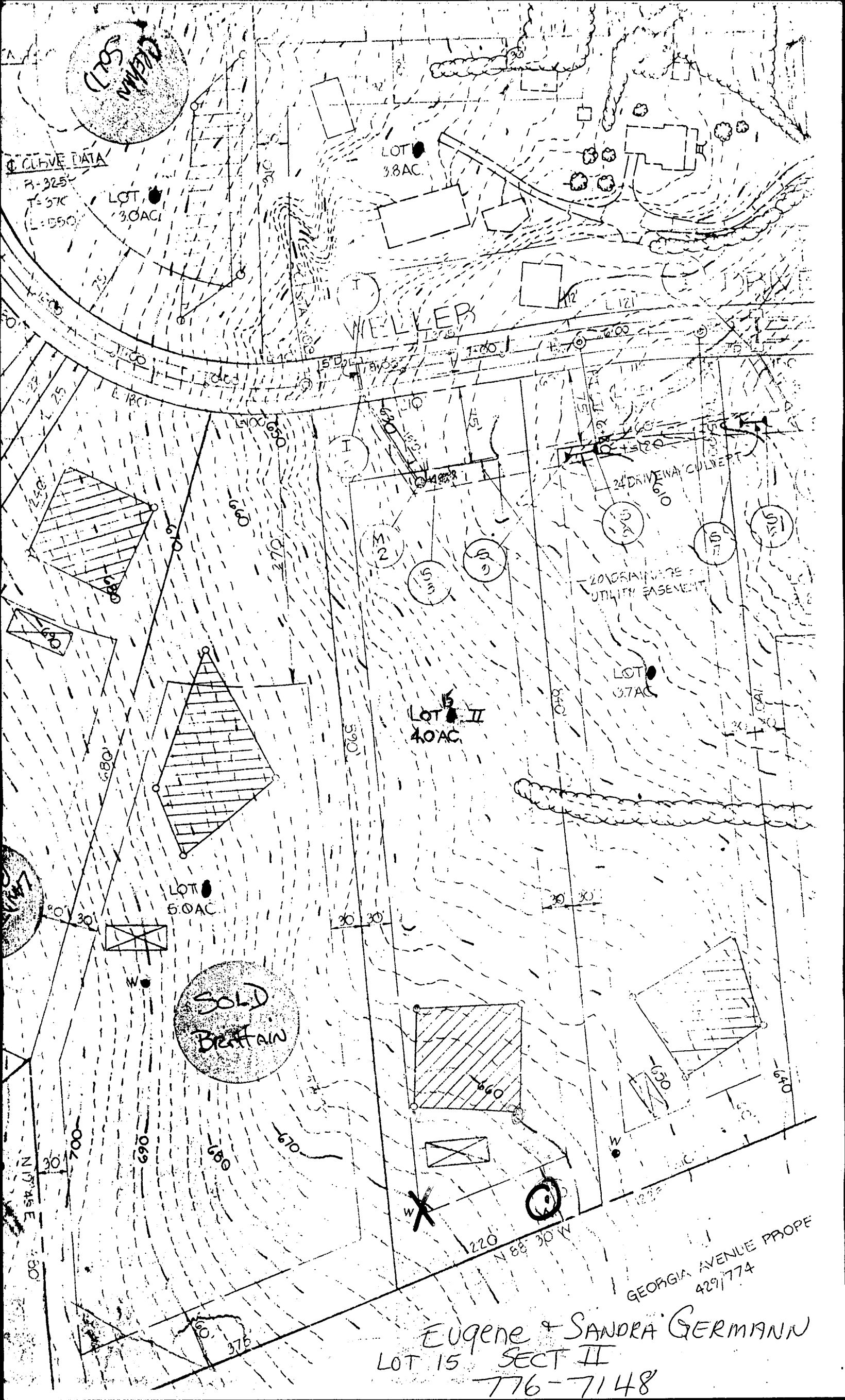
86' casing (2' above)

50' open hole

18 bags cement

H₂O sample taken

Dry hole filled w/
drilling material &
3 bags



CREEVE DATA
R=325
T=37K
L=550

LOT 30AC

LOT 38AC

WELLER

LOT 15
40AC

LOT 60AC

SOLD
BRETTAIN

LOT 37AC

GEORGIA AVENUE PROPE
429/774

Eugene & Sandra Germann
LOT 15 SECT II
776-7148

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

New Installation ☒
Replacement ☐

Receipt # 39746
Date 7/28/87

Name of Installer C R Biddings & Son

Telephone 776-7523

License number 4245

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner EUGENE GERMANO Telephone 776-7148

Subdivision DATAPSCO OVERLOOK Lot # 15 Well tag # HO-81-2027

Site Address 619 WELER DRIVE MT AIRY MD 21771

Pump

1. Type
 - a. Deep well jet ☐
 - b. Shallow well jet ☐
 - c. Submersible ☒

2. Make Gould

3. Model # SES 10412

4. Capacity 5 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 ☐

Motor

1. Horsepower 1

2. RPM —

3. Voltage —

a. 110 ☐

b. 220 ☒

Pitless Adapter

1. Make MARTINSON

2. Model # BP 10x

3. Depth 42"

Tank

1. Capacity 80 gal

2. Pressure relief valve? Yes

Piping

1. Type 1/2" LBS Polyeth.

2. Size 1"

3. NSF and/or BOCA Code approved Yes

4. Depth of supply line 42" Deep

Well data

1. Depth 500 ft.

2. Yield 1.5 GPM

3. Static water level 40 ft.

4. Will water supply be disinfected by installer? NO

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: Charles A. Biddings

Date: 7-27-87

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

Well

Well is 120' away from
Septic System. Existing Elevation 665

INV. AT House 658.3

2000 gal Tank

Inv. at Tank 658

EXIST ELEV. AT TANK 662.6'

EXT FROM TANK 657.7

PROP. Dwelling

BE 660

FF 668

Invert AT Box 657

Invert Into fields 657

Existing Elev. AT Box 660

EXISTING ELEVATION 660

3 fields 100' Long
2 ft wide, 7' deep with
4 ft of GRAVEL

BLDG. PERMIT. SIGNED
AND RETURNED 6/30/87

BP 12785
SM

Building Permit # 12785

4 BR

NO DISP

PLUMBER - CHAS GITTINGS

INDICATES THIS IS ^{2ND HIGHEST HOLE} ~~HIGH SIDE~~

OF PERC AREA, WHICH IS

ACCEPTABLE DUE TO TERRAIN

6/30/87 CWI

ELEVATIONS OK, DRAWING ACCEPTABLE

EVEN THOUGH NOT SCALED ON PLAT

AFTER CONFIRMING INTEGRITY OF DRAWING

FROM OWNER

Weller Drive

EUGENE & SANDRA GERMAN

776-7148

PATASCO OVERLOOK

LOT 15 SECTION 2

Weller Drive 40 ACRES