

6-27-95  
12:00 pm do

# PERMIT

03-310779

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 50735E

A 35700

DISTRICT 3rd

DATE 6-13-95

DATE SYSTEM APPROVED 6-28-95

INSPECTOR AM

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX51-933X~~ 313-2640

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Gaither Farms LOT 6 ROAD 11025 Gaither Farm Road

PROPERTY OWNER Robert & Diane Bolton

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Start the first trench 40 feet from the front lot line and 160 feet from the left lot line as seen when facing the lot from Gaither Farm Road. Run trenches on contour toward the left and front lot lines.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 8/21/94 DKS

PLANS APPROVED BY Sid Abel/Amy McMillen/Mark Rifkin REVISED \_\_\_\_\_ DATE 05/16/91

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

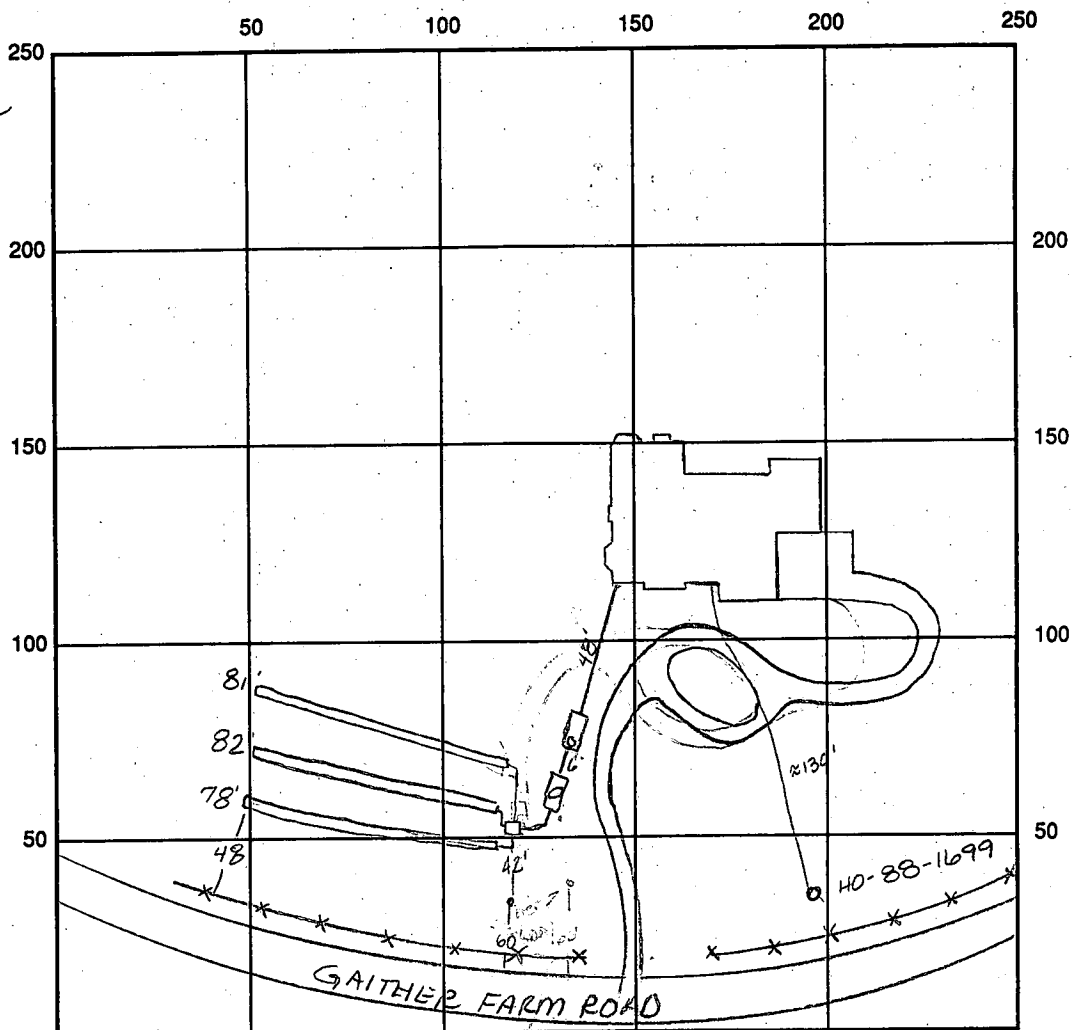
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A  
35700

*Check Backbone  
+ info  
Anticipation*



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1500 gal ST 1000 gal pump chamber clo on ST OK  
CLEANOUTS manhole on pump chamber

DISTRIBUTION BOX LEVEL 1' OK paffle 15 in

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH  $\frac{81}{2} + \frac{82}{2} + \frac{78}{2} = 241$  linear ft

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 723 SQ. FT.

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA      SQ. FT.

REMARKS: 6-27-95 OK to cover hse to ST. House was set lower than approved in BP plan.  
A gravity system is not possible to high corner of SDA. No adjustment to SDA possible  
due to high H<sub>2</sub>O table in lower portions of lot. Install 1000 gal septic tank to serve as  
future pump chamber - begin system in 2nd 3rd of SDA. This allows one future  
repair on gravity - the 2nd repair will be on a pump system. Am 6-28-95 OK to  
cover all work final. Am

DATE SYSTEM APPROVED 6-28-95 INSPECTOR Amy M. Miller

6-27-95  
WPI-OK to cover line 4' in ground Am

4-29-87  
120000  
Revised 10.5.

# APPLICATION

PERCOLATION TESTING

A 35700  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_  
DATE 4-13-87

4-13-87  
Cris Richards to  
confirm date of conducting  
RLO 8/2/87

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 Patrick McGuan Robert & Diane Bolton

ADDRESS 1000 Equitable Bank Center PHONE 788-4943  
Columbia, MD 21044 430-9091

PROSPECTIVE BUYER N/A

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

PROPERTY LOCATION:

SUBDIVISION Gaither Farm LOT NO. 6

We have relocated a  
new perc area on  
Lot 26 - we would  
then subdivide  
Lot 26 if this  
area perc's.

ROAD AND DESCRIPTION Gaither Farm Rd and Route 108  
(11025 Gaither Farm Road)

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT 6.06 acres TYPE BLDG. prospective single family  
(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. Christine A. Richards  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 4-30-87 perc satisfactory; hold for plat/well must be drilled & approved  
before approval of lot. S/Abel

BLDG PERMIT SIGNED  
AND RETURNED 7/22/84  
Serial # 5588  
SFD-4/Bem

# THIS IS NOT A PERMIT

SOIL PROFILE

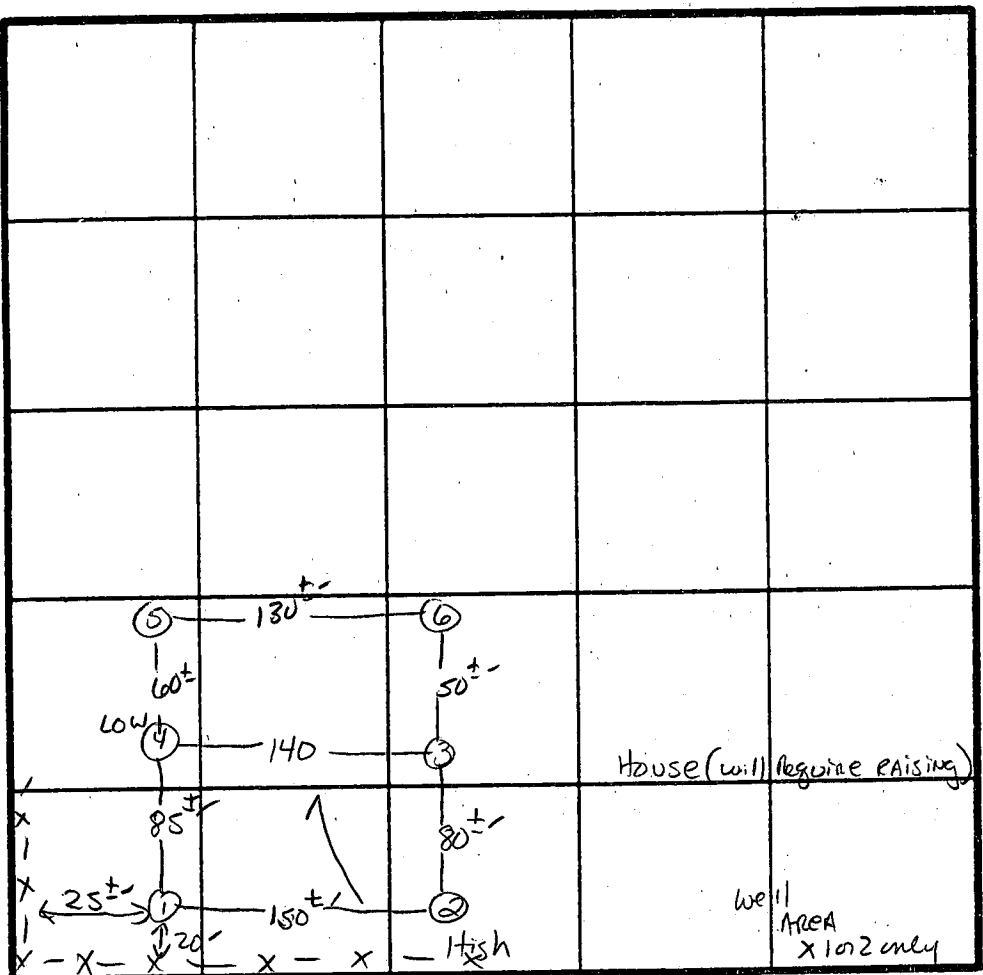
AP

10" Yellow Bl. CLAY LOAM  
15+% FRAGS  
10-20% QUARTZITE

4-4.5 Yellow Bl. SAND LOAM  
20-30% FRAGS

13-14.5

▽ Hole



̄ Perc 21 min  
250 φ1BR  
INLET 4'  
BOTTOM 6'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
GARDNER FARM Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/30/87	1 S V	5'	11:41	11:52	11:52	12:14	22 min
		14'	UNIFORM SOIL BELOW		4.5'		
	2 S V	5'	11:40	11:46	11:46	11:58	12 min
		14.5'	UNIFORM SOIL BELOW		4.5'		
	3 S V	4.5'	12:00	12:11	12:11	12:40	29 min
		14'	WATER AT 13'		UNIFORM SOIL BELOW		4.5'
	4 S V	4.5'	11:42	11:49	11:49	12:08	19 min
		13.5'	WATER AT 12.5'		UNIFORM SOIL BELOW		4'
	5 V	WATER AT 9 FT					
	6 V	WATER AT 11.5 FT					

REMARKS Well to be drilled from rd appxmt; House will be lower than High Hole but graving out of 1st Floor w/ House Raised should be no problem.

TYPE OF SOIL Chester

TESTED BY S. Abel ALSO PRESENT \_\_\_\_\_

EH-12-1079

# APPLICATION

SEWAGE DISPOSAL TESTING

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: 992-2330

A 35700

P \_\_\_\_\_

DISTRICT 3

DATE 4/30/85

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.

Owner: Phillip Dorach  
Purchaser: Patrick Mc Cusa  
PROPERTY OWNER: \_\_\_\_\_  
ADDRESS: 1000 Equitable Bank Center  
Columbia, MD 21044 PHONE: 730-9091

PROPERTY LOCATION:  
SUBDIVISION: Gaither Farm LOT NO. 7 ~~NEW~~ NEW 6  
ROAD AND DESCRIPTION: Homewood Road and Route 108

SIZE OF LOT: 3 acres TYPE BLDG.: 3-5  
(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. Christine Richards  
(SIGNATURE OF APPLICANT)

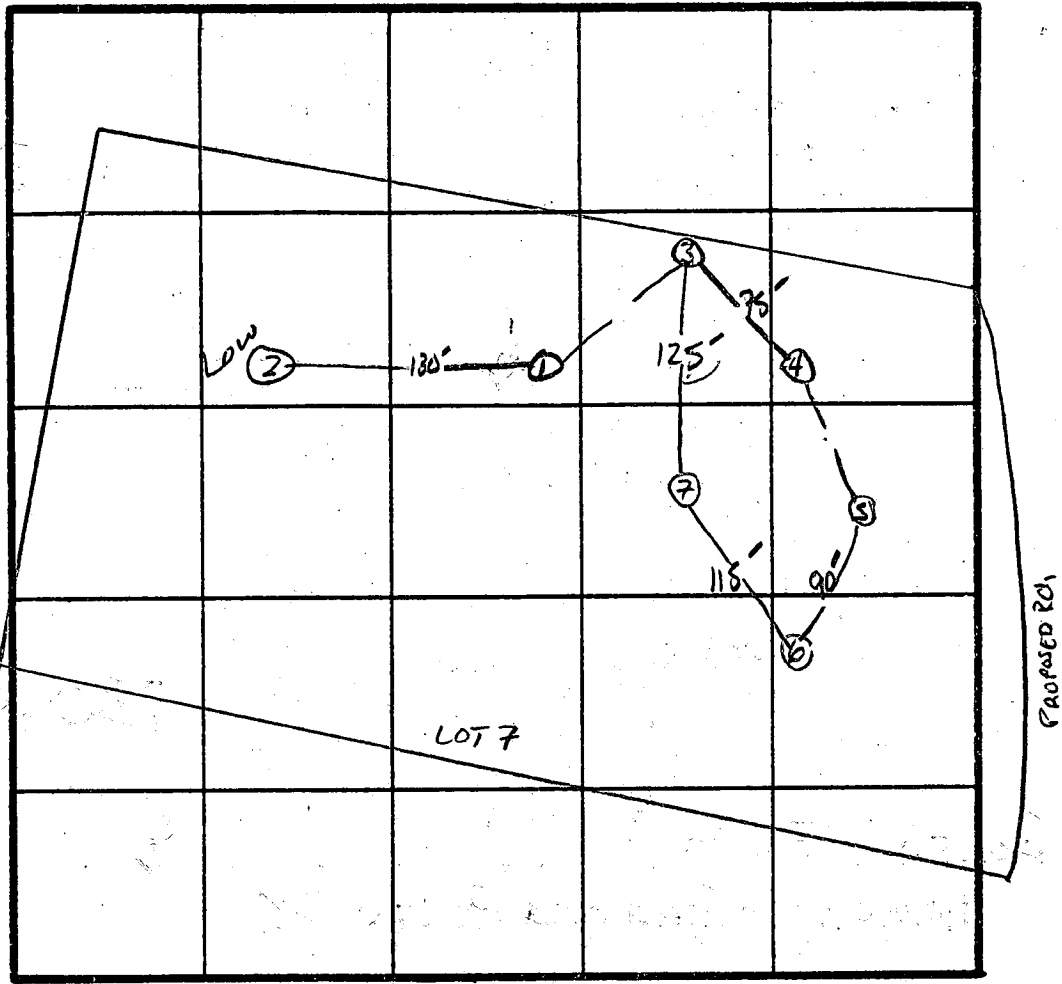
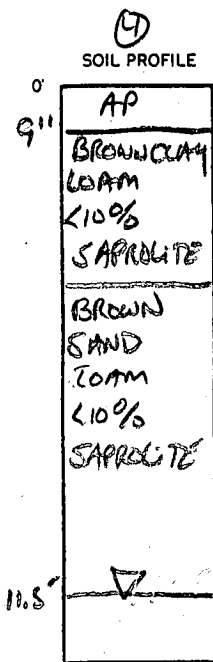
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

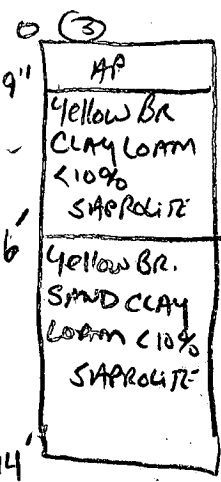
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING: 7-24-85 UNSATISFACTORY PERC RESULTS; CLAY AND WATER HAZARDS,  
INSUFFICIENT AREA REMAINING TO TEST AS LOT EXIST ON PLAT. SAGE1

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
Rt 108



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/19/85	1 V	WATER AT 7'	MOTTLES AT 4.5'					
7	2 V	WATER AT 7'	MOTTLES AT 5'					
7/24/85	3 S	8'	2:39	3:10	→ 41" MOVEMENT			
	4 S	(125)	2:33	3:04	→ 41" MOVEMENT			
			2:33	3:04	→ 41" MOVEMENT			
	5	WATER 10" - BROWN CLAY TO 5" - BROWN SAND CLAY 5'-9"						
	6	WATER 9" - BROWN CLAY TO 6" BROWN GRAY CLAY SAND 6'-9"						
	7	WATER 10" - YELLOW GRAY CLAY TO 5' GRAY CLAY 5'-10"						

REMARKS WET SEASON TEST ONLY - UNLESS ELEVATION DIFF. EXCEEDS 7'

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

TESTED BY STD Abel

ALSO PRESENT JANE MADUE & DAVE - BACKLAW

# APPLICATION

SEWAGE DISPOSAL TESTING

A. 35701

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P. \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 3

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DATE 4/20/85

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.

owner: Phillip Borch

PROPERTY OWNER Purchaser: Patrick McLean

ADDRESS 1000 Equitable Bank Center  
Columbia, MD 21044 PHONE 730-9091

PROPERTY LOCATION:

no change in E.U. 6

SUBDIVISION Gaither Farm LOT NO. 6

ROAD AND DESCRIPTION How Homewood Road and Route 108

SIZE OF LOT 3 acres TYPE BLDG. 3-5  
(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

(Christine) Richards

(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 7-24-85 Need to lower shelf in hole #3 SAbel

# THIS IS NOT A PERMIT



C 1 0833 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A# 35700

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

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 052291

Depth of Well 325 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-1099

OWNER CLARK ASSOCIATES last name first name GAITHER FARM ROAD TOWN CLARKSVILLE SUBDIVISION GAITHER FARM SECTION LOT 6

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND STONE 0 99, GAY MKA ROCK 99 325.

GROUTING RECORD WELL HAS BEEN GROUTED (yes Y, no N) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 22 NO. OF POUNDS 2068 GALLONS OF WATER 132 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 50 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 105

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL BRONZE HOLE PLASTIC OTHER

DEPTH (nearest ft.) 1 HO 103 325 2 3 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 6 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 24 WHEN PUMPING 125 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 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)

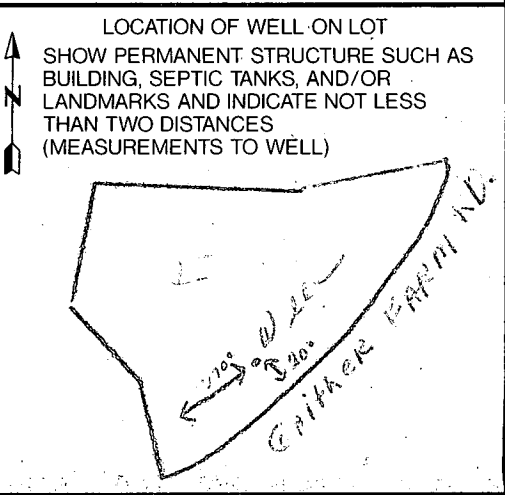
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 28.04.04 "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. 238 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 INSERT F IN BOX 68

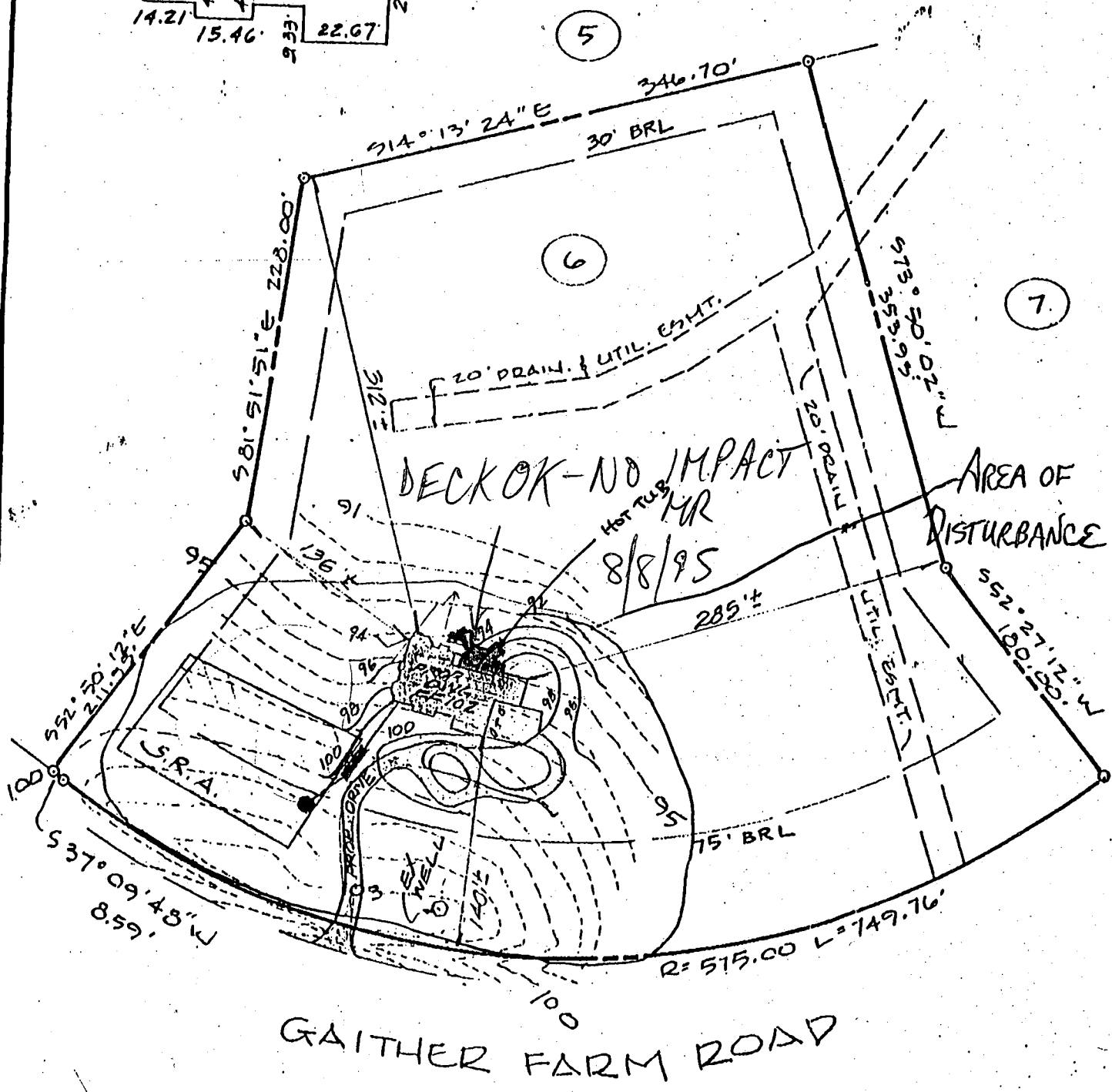
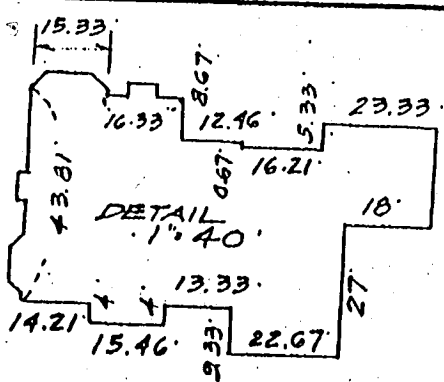
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 OTHER DATA TELESCOPE CASING LOG INDICATOR



DRILLER County



Bolton



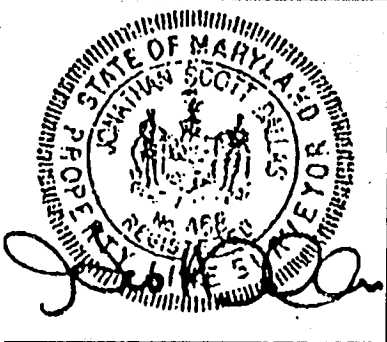
FF HS.	102.0
INV. OUT HS.	98.0
INV. IN TANK	97.2
INV. OUT TANK	97.0
INV. IN. DRYW.	96.0

EX. WELL GRADE = 103.9.  
 TOPOGRAPHY HEREON BASED UPON ASSUMED DATUM.  
 BSMT. SEWER SERVICE & FUTURE INSTALLATIONS MAY REQUIRE EJECTOR PUMP.  
 CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION AT ALL TIMES.

LOT 6  
 "GAITHER FARM"  
 (4608)  
 3RD ELECT. DIST.  
 HO. CO., MD.

**SITE PLAN**

Bolton



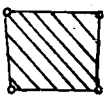
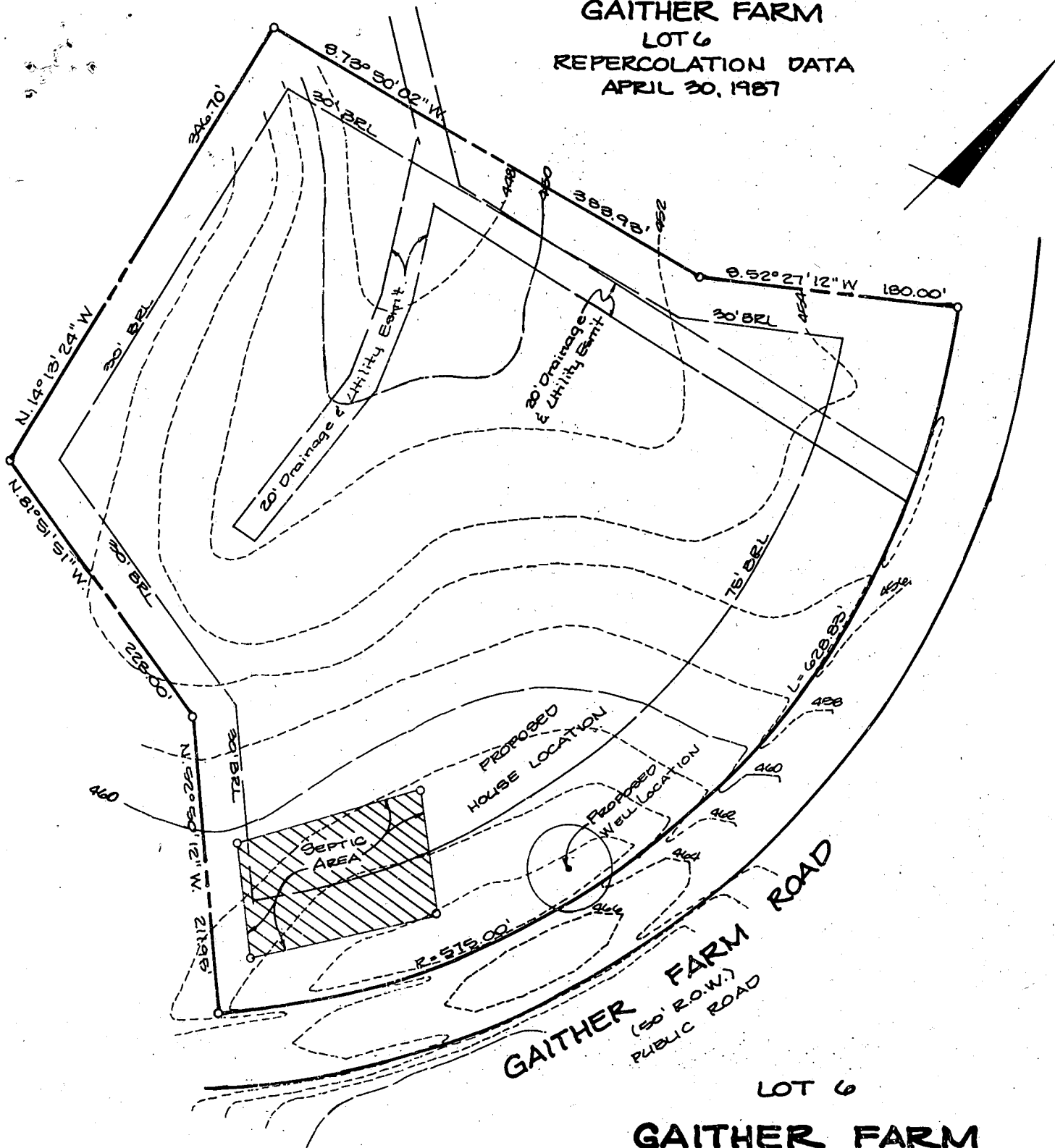
LOT 6 GAITHER FARM ROAD  
**J.S. DALLAS, INC.**  
 Surveying & Engineering  
 4932 Hazelwood Avenue Baltimore, Md. 21206  
 (410) 866-2001

Date:	6-25-94
Scale:	1"=100'
Job Number:	PI66 86-107
Drawn By:	TE
Checked By:	JSD

Designed & Printed by PARAGON Design & Drafting



GAITHER FARM  
 LOT 6  
 REPERCOLATION DATA  
 APRIL 30, 1987



THIS AREA INDICATES A PRIVATE SEWAGE ESM'T. IMPROVEMENT OF ANY KIND IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVING ANY RESIDENTIAL STRUCTURE CONSTRUCTED ON THIS SITE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.

GAITHER FARM

" REPERCOLATION "  
 3<sup>RD</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1"=100' MARCH, 1989

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.

OK  
 SA *Joseph M. Boyd* 3/10/89  
 COUNTY HEALTH OFFICER DATE