

4/13/88
5/3/88
5-6-88 10 am

04-345436

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 41506

A 36672

DISTRICT 4th

DATE 4/13/88

5-13-88

DATE SYSTEM APPROVED _____

INSPECTOR (Signature)

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

Frall SEptic Service IS PERMITTED TO INSTALL X ALTER _____

ADDRESS P. O. Box 659, Mt. Airy, Maryland 21771 PHONE 795-5674

SUBDIVISION Gaither Sideling ROAD 580 Gaither Road LOT 1, Section 2

PROPERTY OWNER Carroll Builders & Remodeling

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

OK TO TAKE TRENCHES
NO MORE THAN 6" DEEPER
THAN SPECIFIED, 5/3/88 CW,

TRENCHES - 180 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 lot corner, place the 1st trench 100 feet down the left (558.50') lot line and 25 feet off the left line as seen when facing property from Gaither Road. Run trenches along contour towards the right (552.47') lot line. NOTE: MAINTAIN MINIMUM 100' FROM SEPTIC TO NEIGHBORING WELL.

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

4/11/88 NOTE PRIOR TO TRENCH INSTALLATION, FIELD INSPECTION NEEDED TO CONFIRM DESIGN AND DIRECTION

PLANS APPROVED BY B. Nixon (Signature) DATE 3/03/87

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 36672

APPLICATION

PERCOLATION TESTING

A 34672

P _____

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

DISTRICT _____

DATE 3/20/84

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 Arthur Dadian Carroll Builders + Remodeling

ADDRESS _____ PHONE 202 331-7120

PROSPECTIVE BUYER Gaither Road Joint Venture

ADDRESS 9 CARISSA CT. Owings Mills PHONE 301 356 9351

PROPERTY LOCATION: GAITHER SIDELING

SUBDIVISION DADIAN Property 580 GAITHER Rd. final lot 1 sec II
LOT NO. 5

ROAD AND DESCRIPTION Gaither Rd + Potapoco River

TAX MAP 4 PARCEL # 31

SIZE OF LOT 3 AC. TYPE BLDG. S.F.D.
(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.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY B Nylon FOR deep bench DATE 10/7/86

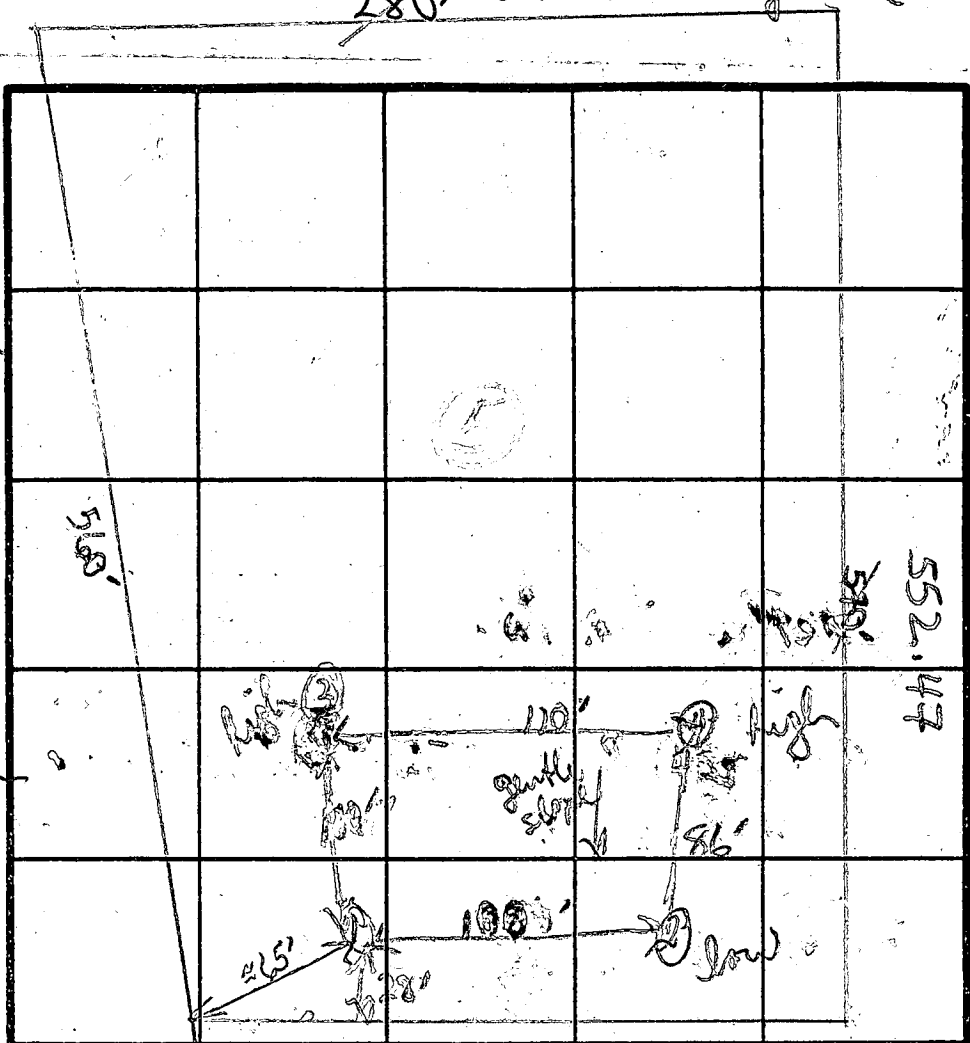
REJECTED BY _____ FOR AND RETURNED 11/30/89 DATE
BP15655 800

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING 3/2/87 Adjusted perc field toward left lot line to allow for well site on lot 2 sec 2. Change was recorded on final plat being sent for approval/signature

THIS IS NOT A PERMIT

280' 275.10 on final



SOIL PROFILE

Red/Brown Clay
 grey/brown
 tan/red
 grain
 sandy loam
 uniform
 R'D

TO LOT 6

Red/Brown clay
 tan/red
 brown
 sandy/clay
 w/ 4.5 up
 to 15% small
 grey rock
 bottom
 1125

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

GATHER RD

Red/brown clay
 tan/red
 brown
 fine/red
 grain
 sandy loam
 12'D

̄ 4+ MIN
 INLET 4'
 MAX. D. 8'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/24/86	1	45	1142	1145	1145	1151	6 MIN
		12'D	1129	1130	1130	1135	5 MIN
		12'D	DEEP (see profile)				
	2	42.5	1118	1120	1120	1123	5 MIN
		12'D	bottom (see profile)				
	3	42.5	1055	1058	1058	1101	3 MIN
		12'D	bottom (see profile)				
	4	5'M	1103	1104	1104	1105	1 MIN
		113'D	bottom (see profile)				
		4'M	1109	1111	1111	1117	6 MIN

Red/brown clay 2'
 tan powder
 med grain
 sandy
 loam
 12'D

REMARKS soil profiles similar for all holes; good perc times
 red + brown clays up to 4'; below generally grey + tan
 TYPE OF SOIL sandy loams

168 / ED. ROOM
 180 / BED ROOM
 (NOT DUE TO TESTED)

B. Nipon

Phil, Gary

ALSO PRESENT

B 1 1796

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

10-81-1947

fill in this form completely

Date Received

12/20/87

OWNER INFORMATION

United General Corp

8370 Court Ave.

Ellicott City Md 21104

B 3

LOCATION OF WELL

Howard County

Subdivision

Section 2 Lot 1

Sykesville

Miles from town

DRILLER INFORMATION

Tri County Driller's Name

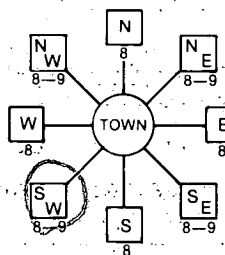
16009 Fred rd. Firm Name

Lisbon Md 21765 Address

Signature Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Gaither road

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



240 Distance from road

ENTER FT or MI FT

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard County Name

Signature

DATE ISSUED 03/03/87

NORTH GRID 553000 EAST GRID 0902000

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 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 DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D 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 (OEP USE ONLY)

APPROP. PERMIT NUMBER

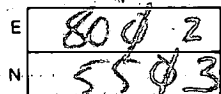
FORCE PERMIT No. 10-81-1947

SPECIAL CONDITIONS

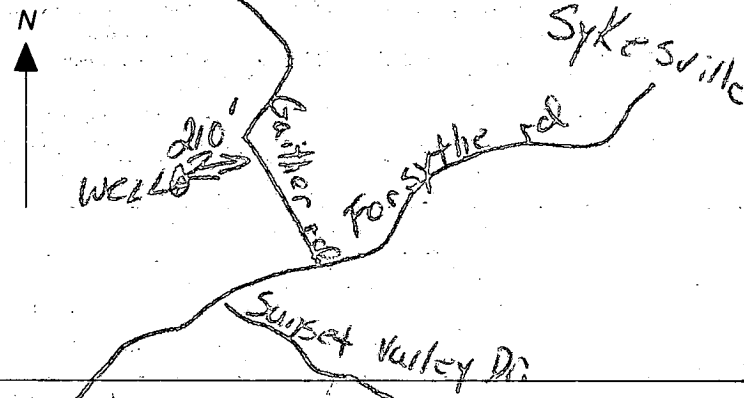
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

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



C1 **1105**
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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.
 COUNTY NUMBER

DATE Received: [] [] [] [] [] []
 DATE WELL COMPLETED: **072787**
 Depth of Well: **100** (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL": **H0-81-1947**

OWNER: **Myers** (last name) **Mike** (first name)
 STREET OR RFD: **Weather rd.** TOWN: **Sykesville**
 SUBDIVISION: **Gaither Sideling** SECTION: **2** LOT: **1**

WELL LOG
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top soil	0	2	
Brown soil x shell	2	40	
gray rock	40	80	
white x gray rock	80	100	✓

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **74** NO. OF POUNDS **1316**
 GALLONS OF WATER **84**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **35** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST **CO**
 STEEL CONCRETE
PL **OT**
 PLASTIC OTHER
 MAIN CASING TYPE: **ST** (60-61)
 Nominal diameter top (main) casing (nearest inch): **06** (63-64)
 Total depth of main casing (nearest foot): **44** (66-70)

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 **OT**
 PLASTIC OTHER

C 2

EACH SCREEN	DEPTH (nearest ft.)		
	1	2	3
1	H0 (8-9)	42 (11-15)	100 (17-21)
2	[] (23-24)	[] (26-30)	[] (32-36)
3	[] (38-39)	[] (41-45)	[] (47-51)

SLOT SIZE 1 _____ 2 _____ 3 _____
 DIAMETER OF SCREEN [] [] [] [] (NEAREST INCH) (56-60)

C 3

PUMPING TEST
 HOURS PUMPED (nearest hour) **03**
 PUMPING RATE (gal. per min. to nearest gal.) **10** (8-9)
 METHOD USED TO MEASURE PUMPING RATE **1 gal.**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **46** (17-20)
 WHEN PUMPING **50** (22-25)
 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: [] (29)
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) [] [] [] [] (31-35)
 PUMP HORSE POWER [] [] [] [] (37-41)
 PUMP COLUMN LENGTH (nearest ft.) [] [] [] [] (43-47)
 CASING HEIGHT (circle appropriate box and enter casing height)
 (+) above } LAND SURFACE **02** (nearest foot)
 (-) below }

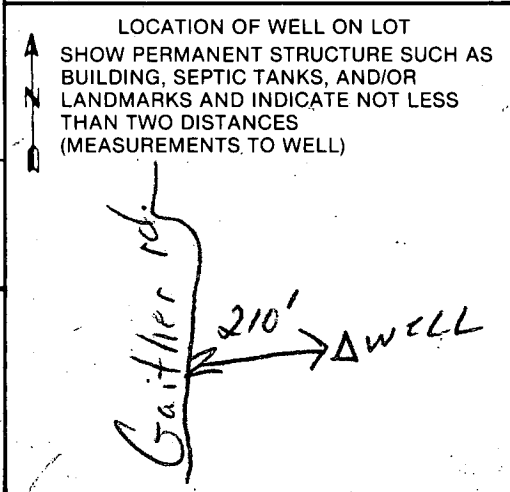
CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 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. **270**
 DRILLERS SIGNATURE: *[Signature]*
 (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee): *[Signature]*

GRAVEL PACK: _____
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 [] (68)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) [] (70-72)
 WQ [] [] [] (74-76)
 TELESCOPE CASING LOG INDICATOR OTHER DATA



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

5/4/88
WPS OK to
cover outside
line
sticker
attached
(B)

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # 41660
Date 5/4/88
Telephone 876-6880

Pal
col 1026

Name of Installer Cannon Water Systems, Inc
License Number P.I. 074
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner Mike Myers Telephone _____
Subdivision Gaither Sideling Lot # 1 Well Tag # 10-81-1992
Site Address Gaither Road Sec 2

- Pump
- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
 - Make DEWING
 - Model # 3ALN
 - Capacity 8 GPM
 - Pump exceeds well capacity Yes _____ No
 - If Yes, is low pressure cutoff switch installed? Yes _____ No
 - What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

- Motor
- Horsepower _____
 - RPM _____
 - Voltage _____
 - 110 _____
 - 220

- Pitless Adapter MARTINSON
- Make B10X
 - Model # _____
 - Depth 4' below grade
power line + ground
wire mounted - OK

- Tank
- Capacity 42
 - Pressure relief valve? yes

- Piping
- Type Plastic
 - Size 1" black
 - NSF and/or BOCA Code approved _____
 - Depth of supply line ≈ 4' below

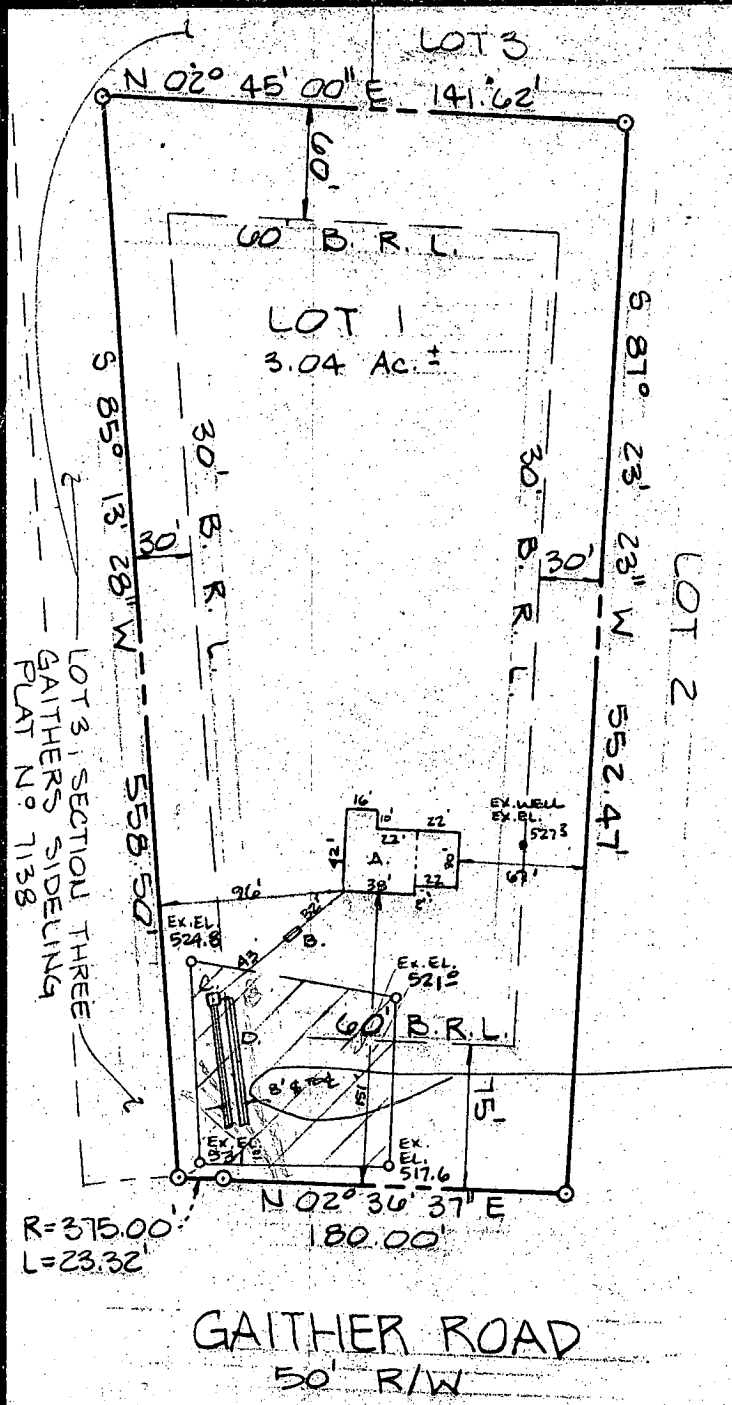
- Well data
- Depth 100 ft.
 - Yield 10 GPM
 - Static water level 46 ft.
 - Will water supply be disinfected by installer? _____

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: [Signature]
Date: 5/4/88

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



- A. PROPOSED 2-STORY HOUSE
 F.F. EL. = 528.7 ✓
 Bsmt. EL. = 519.7 ✓
 Inv. Out = 523.6 ✓ ← BSMT
- B. PROPOSED SEPTIC TANK
 Ex. EL. = 524.2 ✓
 Inv. In. = 523.25 ✓
 Inv. Out = 522.95 ✓
- C. PROP. DISTRIBUTION TANK
 Ex. EL. = 526.2 ✓
 Inv. In El. = 522.5 ✓
- D. PROPOSED TRENCHES
 2 @ 66' (length)
 Inv. El. = 522.2 ✓
 4' of stone ✓
 8' bottom max ✓

15' 6' edge to edge
 not all gravel depths apart

11/30/87
 elevations OK
 S. Mue

BLDG. PERMIT SIGNED
 AND RETURNED 11/30/87
 S. Mue
 BP 15655

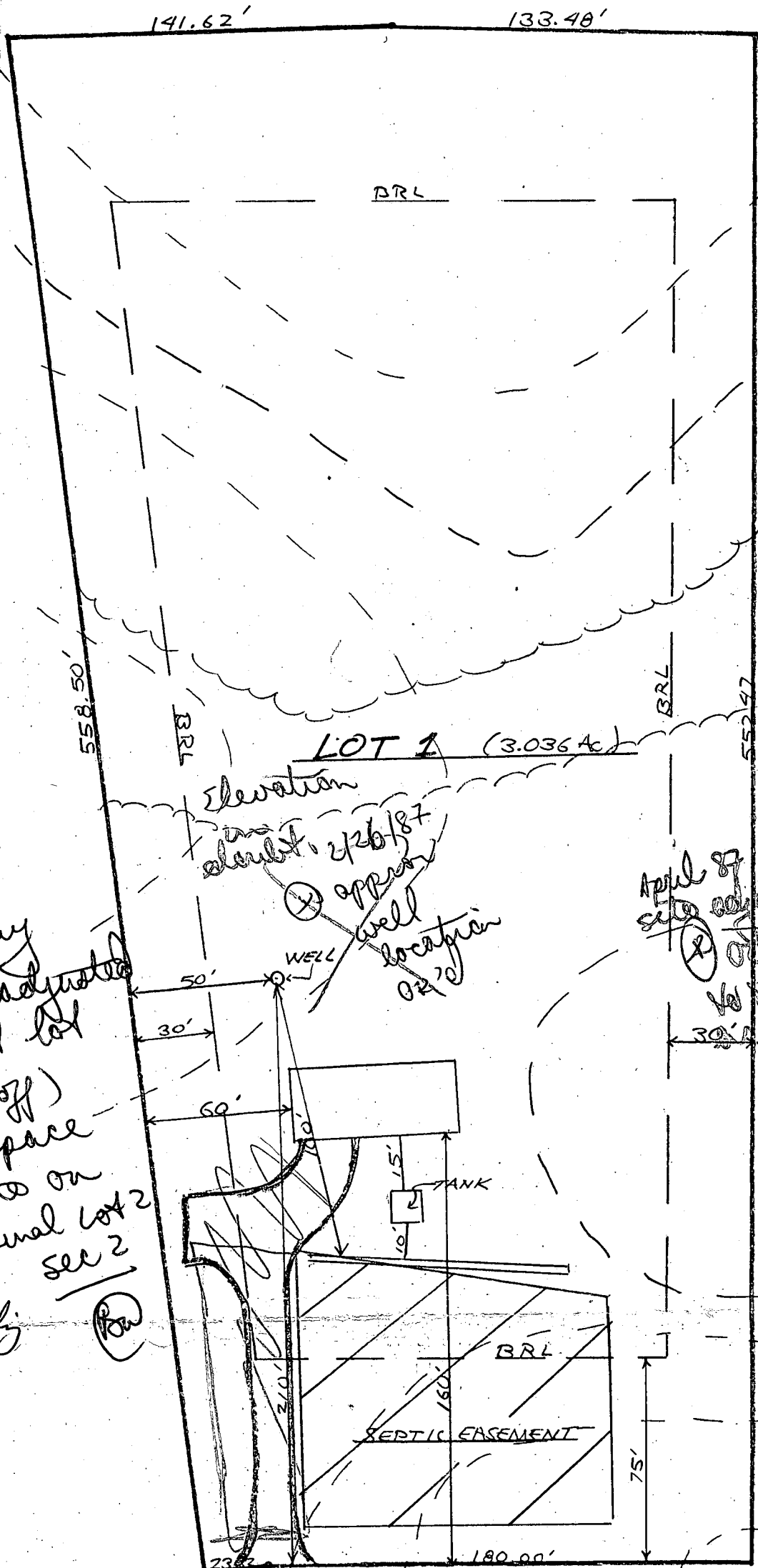
PLOT PLAN
 LOT 1 SECTION TWO
 GAITHERS SIDELING
 SITUATED ON GAITHER ROAD
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE = 1" = 100' SEPT., 1987
 REVISED: 11/27/87 - SEPTIC INVERTS



I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

REFERENCE	JOB NO.
PLAT NO 7091	87-1570

SHELADIA Associates, Inc.
 CONSULTING ENGINEERS
 310 A South Main Street, Mt. Airy MD. 21771
 (301) 829-2890



2/26/87
 perc field may
 have to be adjusted
 towards left lot
 line (10-15' off)
 to free up space
 for well site on
 final lot 2
 sec 2

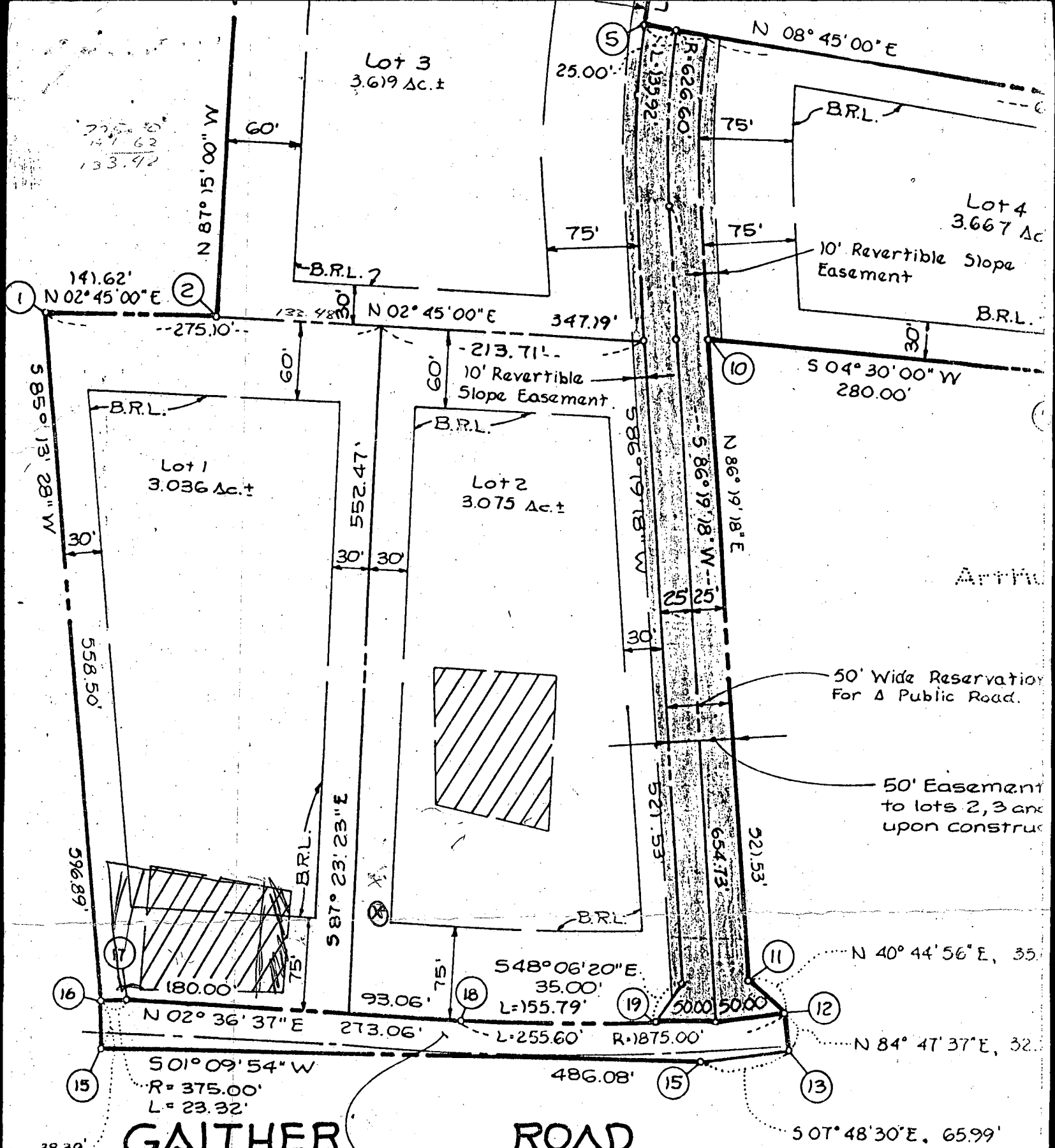
Grith S. July
 Section 2
 lot # 1



April 87
 site adjusted
 offer
 to this
 area

GAITHER ROAD

1" = 50'



$\frac{775.10}{141.62}$
 $\frac{133.42}{141.62}$

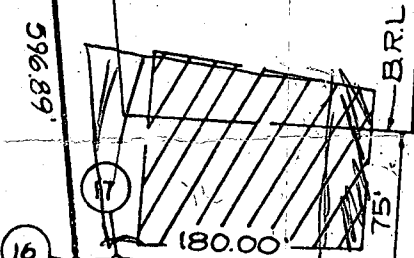
141.62'
 N 02° 45' 00" E

585° 13' 28" W
 558.50'

Lot 1
 3.036 Ac.±

Lot 2
 3.075 Ac.±

552.47'



587° 23' 23" E

548° 06' 20" E
 35.00'
 L = 155.79'

5000' 5000'
 R = 1875.00'

50' Wide Reservation For A Public Road.

50' Easement to lots 2, 3 and upon construction

GAITHER

ROAD

Land Dedicated To Howard County Maryland For The Purpose Of A Public Road. Area = 0.431 Ac.±

Sec II

OWNER'S CERTIFICATE:

SURVEYOR'S CERTIFICATE:

JOINT VENTURE, CONTRACT PURCHASERS OF THE PROPERTY

I HEREBY CERTIFY THAT THE ETC.