

04-345347

10/21 AM Final

PERMIT

P 40208

A 36678

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 9/30/87

DATE SYSTEM APPROVED 10/21/87

INSPECTOR (Signature)

Fral Septic Service, Inc. IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION Gaither Sideling ROAD 500 Gaither Road LOT 1, Section 1

PROPERTY OWNER Carroll Builders & Remodeling, Inc.

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - SHALLOW SYSTEM ONLY - Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from left rear lot corner, please 1st trench 170 feet down the left (439.64') lot line and 15 feet off the left lot line as seen when facing property from Gaither Road. Run trenches along contour towards the right (467.78') lot line. NOTE: MAINTAIN MINIMUM 100 FEET DISTANCE FROM SEPTIC TO WELL.

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

OK

PLANS APPROVED BY B. Nixon DATE 3/04/87

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.

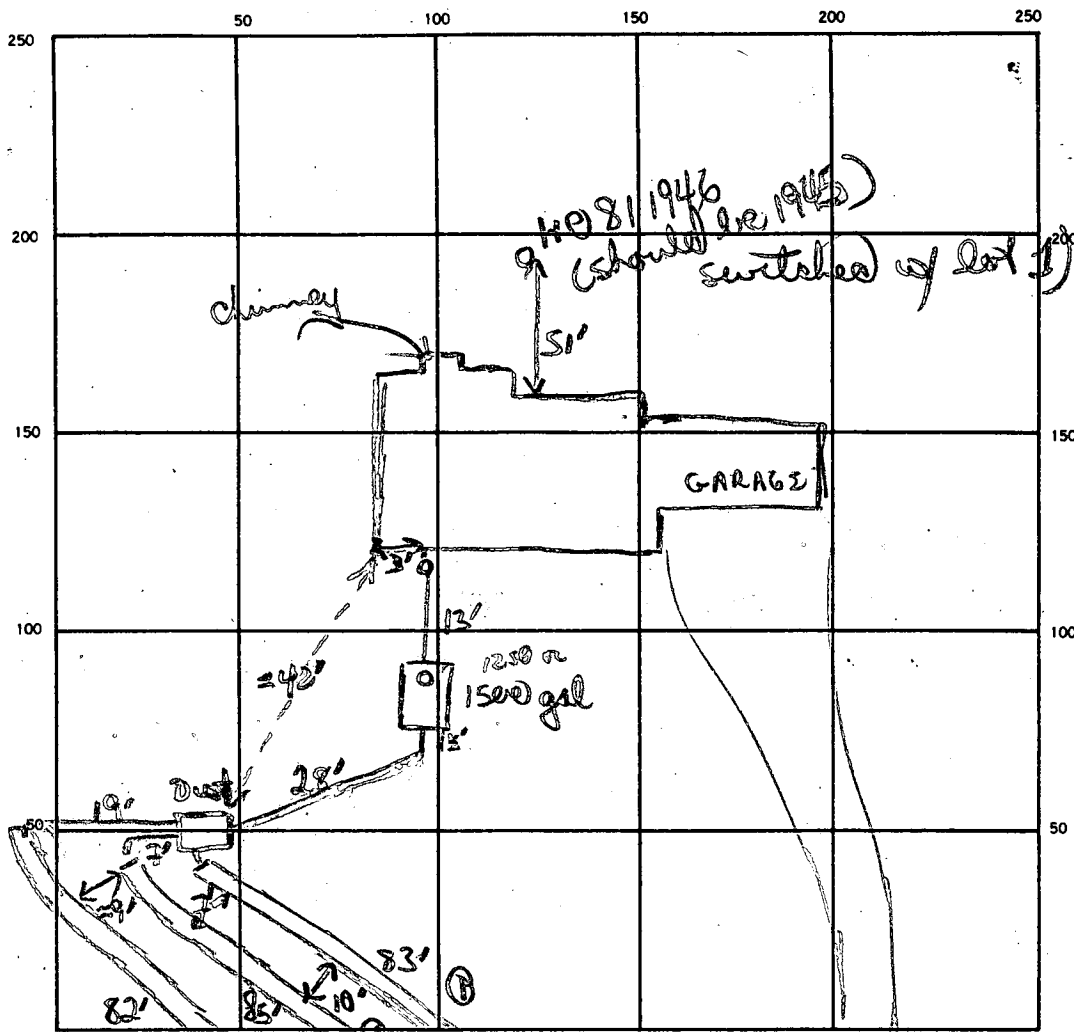
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 36678



SEPTIC TANK. LEVEL 1500 gal CLEANOUTS In line, 1 S.T.

DISTRIBUTION BOX. LEVEL ✓ w/ back baffle

DRAIN FIELD/TILE FIELD. DEPTH 5 1/2' all FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2' FT.

EFFECTIVE GRAVEL DEPTH 2' 2' 2' FT. TOTAL LENGTH 83 85 82 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 249 + 255 + 240 SQ. FT.

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

ABSORBENT AREA 750 SQ. FT.

REMARKS 10/21/87 OK to cover from house to distribution box.
OK to cover trenches & all work

DATE SYSTEM APPROVED 10/21/87 INSPECTOR B Nyfan

3/2/87
B

GATHER SIDELING GATHER RD

A 36678

SUBDIVISION:

LOT NUMBER: 1 SECT 1

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

SHALLOW SYSTEM

180 sq. ft./bedroom

Trench to be 3 wide.

Inlet 3 1/2 feet below original grade.

Bottom maximum depth 5 1/2 feet below original grade.

Effective area begins at 3 1/2 feet below original grade.

2 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: BEGINNING FROM LEFT REAR LOT CORNER, PLACE 1ST TRENCH 17' DOWN THE LEFT (439.64') LOT LINE AND 15' OFF THE LEFT LOT LINE AS SEEN WHEN FACING PROPERTY FROM GATHER ROAD. RUN TRENCHES ALONG CONTOUR TOWARDS THE RIGHT (467.78') LOT LINE.

NOTE: MAINTAIN MINIMUM 100' DISTANCE FROM SEPTIC TO WELL

APPLICATION

PERCOLATION TESTING

A 3/16/78

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

ADDRESS _____ PHONE 202-331-7120

PROSPECTIVE BUYER Gaither Road Joint Venture

ADDRESS 9 Carissa Ct. Owings Mills MD 21117 PHONE 301-356-9351

PROPERTY LOCATION:

SUBDIVISION Dadian Property LOT NO. 1423

ROAD AND DESCRIPTION Gaither Rd. + Patapsco River

FINAL LOT 1 SECT. 1

TAX MAP 4 PARCEL # 31

SIZE OF LOT 3 Acre TYPE BLDG. SFD
(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. Nelson FOR [Signature] DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH-12-1079

APPLICATION

PERCOLATION TESTING

A 34678

P _____

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

DISTRICT _____

DATE 3/20/86

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 Arthur Dadian Carroll Builders + Remodeling Inc.

ADDRESS _____ PHONE 202-331-7120

PROSPECTIVE BUYER Gaither Road Joint Venture

ADDRESS 9 Carissa Ct. Owings Mills, MD 21117 PHONE 301-356-9351

PROPERTY LOCATION: GAITHER SIDECING FINAL LOT 1 SECT. 1

SUBDIVISION Dadian Property LOT NO. X 23

ROAD AND DESCRIPTION 500 Gaither Rd. + Patapsco River

TAX MAP 4 PARCEL # 31

SIZE OF LOT 3 Acre TYPE BLDG. SFD
(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. Weyan FOR deep trench DATE 10/6/86

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

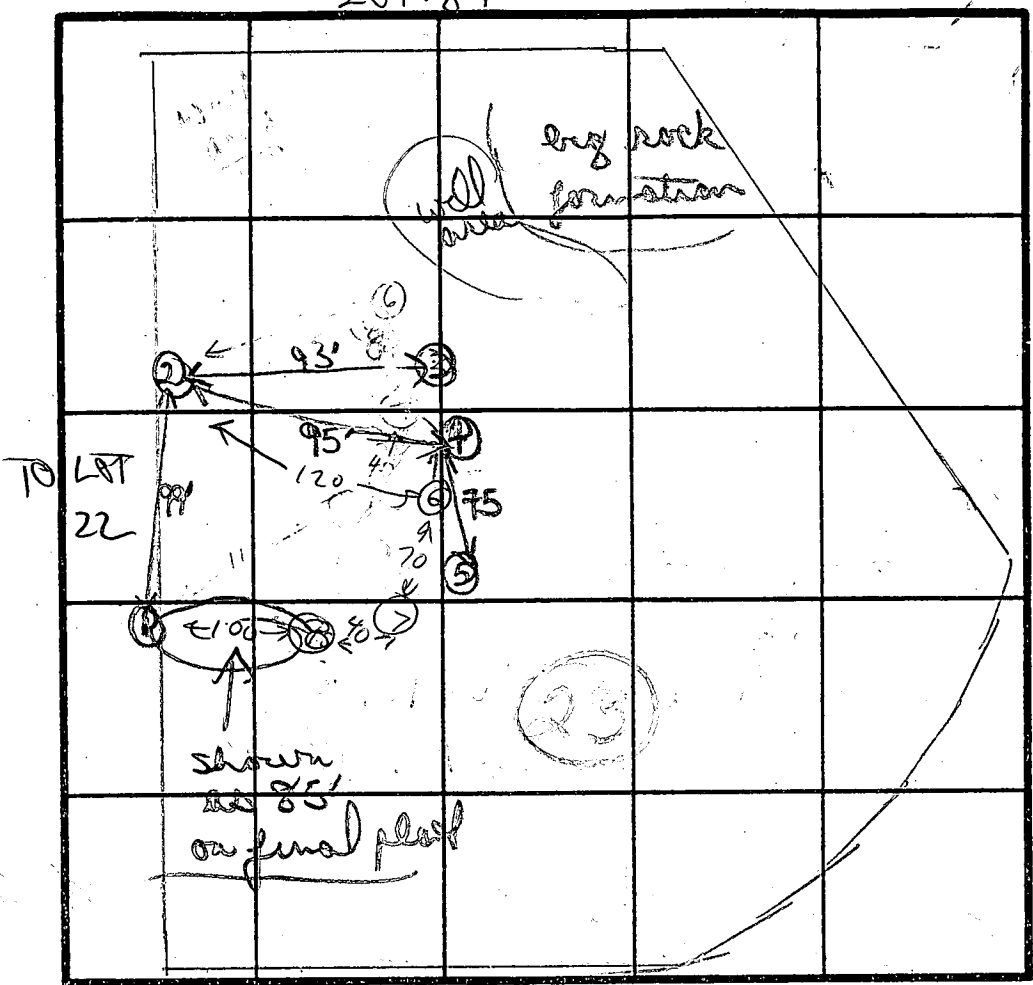
BLDG. PERMIT SIGNED
AND RETURNED 7/17/87
BP# 12419 [Signature]

THIS IS NOT A PERMIT

TO LOT 12
201.89 ← from final

HOLES 6, 7, 8
SOIL PROFILE

0'	CLAY
4'	SAND LOAM
	w/ ISOLATED PATCHES OF STONE & CLAY
12'	≈ 20% OF TOTAL MATERIAL



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

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/24/86	3	hard rock boulders	subsurface				
	4	hard rock	5' down				
	5	hard	subsurface rock down				
4/24/86	6	4 7 1/2 12	VIS OK 8:10	SAND LOAM 20% 8:12	ROCK CHUNKS 8:12	3 MIN	
4/29/86	7	4 8 12	8:16:30 OK	SAND LOAM 20% 8:18	ROCK CHUNKS 8:20	2 MIN	
4/29/86	8	4 8 12	VISUAL CLAY TO	OK 4" SAND LOAM w/	OCCASIONAL INTRUSIONS OF CLAY & ROCK		

failed
failed
failed

INLET 4'
MAX D. 8'
180 A/B ROOM

Holes 1+2 originally planned to be common holes w/ lot #22 - Rock in holes 3, 4 & 5 prevent #2 from being used

REMARKS SANDY LOAM WITH ISOLATED INTRUSIONS - LOCATION UNCLEAR IN RELATION TO SPECIFIC ROCK HOLES.
TESTED BY HOLES 6, 7, 8 C Williams ALSO PRESENT MAUGLITZ

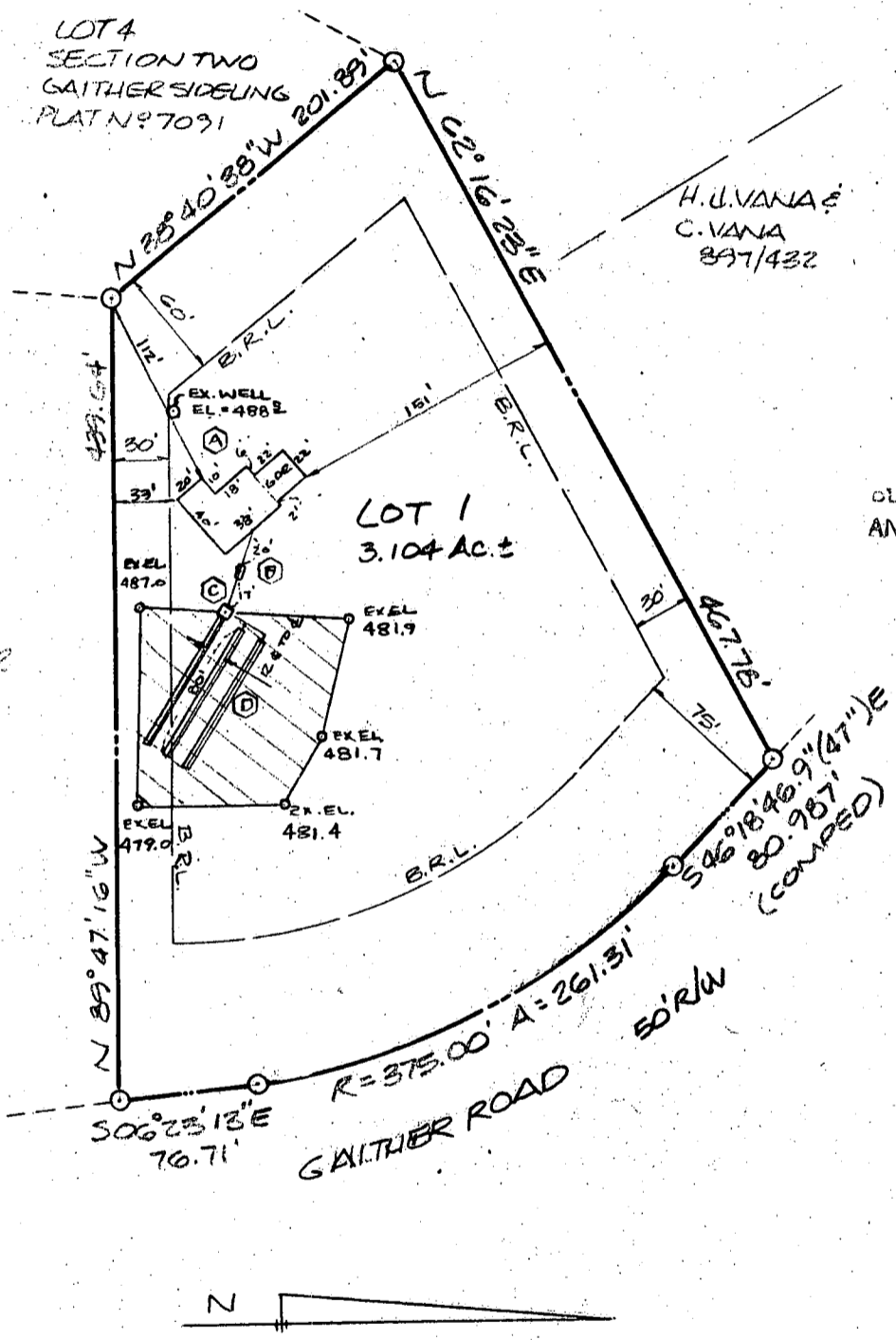
EH-12-1079

Ⓐ
PROP. 2-STORY HOUSE
 F.F. El.=487.0 ✓
 Bsmt. El.=478.5 ✓
 Inv. Out=483.0 (-)BSMT)

Ⓑ
PROP. SEPTIC TANK
 Ex. El.=484.3 ✓
 Inv. In=482.8 ✓
 Inv. Out=482.5 ✓

Ⓒ
PROP. DIST. BOX
 Ex. El.=485.5 ✓
 Inv. In=482.3

Ⓓ
PROP. TRENCHES
 3 @ 80' (length)
 Inv. El.=482.0 } OK
 2' of stone }
 2/10 shall 5 1/2' bottom max. } 4BR



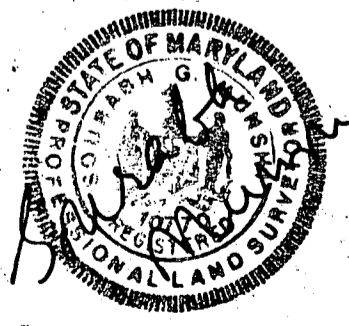
H.U. VANA
 C. VANA
 897/432

3.5 180/BR

7/17/87
 elevations + location
 ok. S. Abel

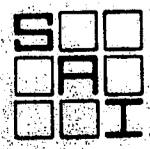
OLDG. PERMIT SIGNED
 AND RETURNED 7/17/87

BP 12419
 S. Abel



PLOT PLAN
 LOT 1, SECTION ONE
 GAITHER'S SIDELING
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SITUATED ON GAITHER ROAD
 SCALE: 1"=100' JULY 1987

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.



SHELADIA Associates, Inc.
CONSULTING ENGINEERS
 310 A South Main Street, Mt. Airy MD. 21771
 (301) 828-2590

REFERENCE	JOB NO.
PLAT # 7064	87-1570

N7254

B 1 5534

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER 7946 is on well

HO-81-1745 fill in this form completely

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

please print or type

Date Received

1 1 19 90

OWNER INFORMATION

Contractors United A 370 Court Avenue Elkridge Maryland 21043

DRILLER INFORMATION

Bernard Feezer 2700 77 License No. 80 701 County 1609 Frederick rd. Lisbon Bernard Feezer 21765

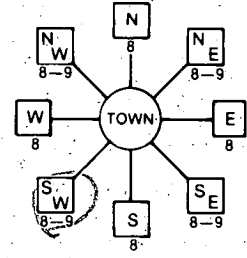
B 3

LOCATION OF WELL

Howard 8 COUNTY Gaithers Side Hill 23 SUBDIVISION SECTION 0 LOT 1 Sykesville 52 NEAREST TOWN MILES FROM TOWN 2 MI

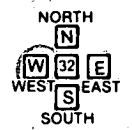
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Gaithers rd 11 NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 30 37 DISTANCE FROM ROAD ENTER FT or MI 17

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 11 COUNTY NAME 136678 COUNTY NO. OEP SIGNATURE DATE ISSUED 030297 B. Feezer 09/02/97 CO SIGNATURE / EXP. DATE NORTH GRID 554000 EAST GRID 070000

APPROXIMATE DEPTH OF WELL 150 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 DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

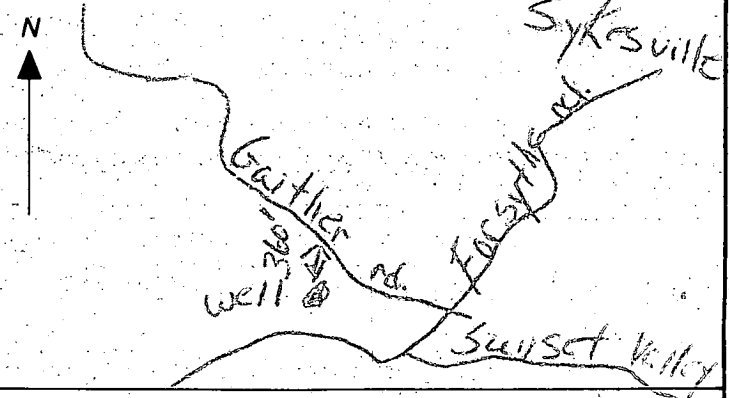
SOURCES OF DRILLING WATER

- 1. 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

8002 5504

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

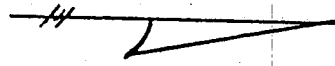


Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

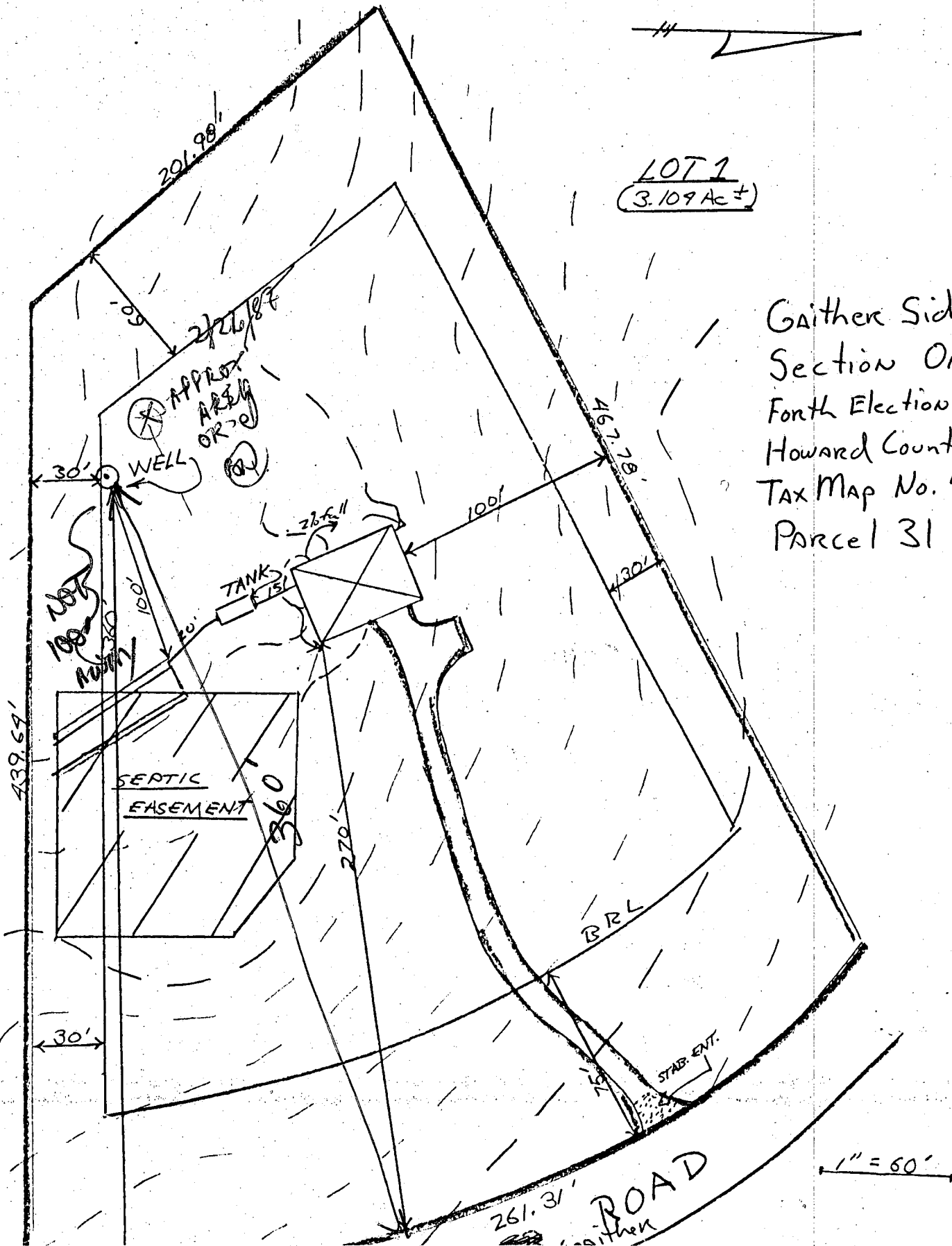
FORCE 21 WRITE INITIALS IN BOX PERMIT No. HO-81-1745

SPECIAL CONDITIONS



LOT 1
(3.109 Ac ±)

Gaither Sideling
Section One
Forth Election District
Howard County, MD
Tax Map No. 4
Parcel 31



C1 4705 SEQUENCE NO. (OEP USE ONLY)
 (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 A 36678
 PERMIT NO. 946

DATE Received 04/17/97 DATE WELL COMPLETED 04/17/97
 Depth of Well 150 (TO NEAREST FOOT)
 FROM "PERMIT TO DRILL WELL" 40-91-1996

OWNER Mike Myers
 STREET OR RFD Gaither ROAD first name Gaither
 SUBDIVISION Gaither Sideling SECTION 1 TOWN Gaither LOT 10

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	2	5	
sand	5	30	
gray rock	30	50	OK
Brown & white rock	50	60	OK
gray white rock	60	150	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle appropriate box) YES NO
 TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY
 CEMENT NO. OF BAGS 12 NO. OF POUNDS 1128
 GALLONS OF WATER 72
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 35 ft.

CASING RECORD
 MAIN CASING TYPE ST Nominal diameter 1 Total depth 38
 OTHER CASING (if used) diameter inch depth (feet) from to

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

DEPTH (nearest ft.)
 ELECTRIC LOG SCHEDULE 1 HO 36 150
 2
 3

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. [Signature]
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1 2 3
 DIAMETER OF SCREEN [] (NEAREST INCH)
 GRAVEL PACK from to
 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.) WQ
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 15
 METHOD USED TO MEASURE PUMPING RATE 1 gal
 WATER LEVEL (distance from land surface) BEFORE PUMPING 20 WHEN PUMPING 22
 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) LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)