

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

10/21 AM ~~open~~
10/23 AM ASAP

P 40206
A 36676

DISTRICT 4th

DATE 9/30/87

DATE SYSTEM APPROVED 10/23/87

INSPECTOR *[Signature]*

Frall Septic Service, Inc. IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION Gaither Sideling ROAD 540 Gaither Road LOT 3, Section 1

PROPERTY OWNER *Gallaghi* 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 - 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 right rear lot corner, place 1st trench 190 feet down the right (497.41') lot line and 130 feet off the right lot line as seen when facing property from Gaither Road. Run trenches along contour back towards the right lot line.

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

OK/A

PLANS APPROVED BY B. Nixon DATE 3/02/87

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 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 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.

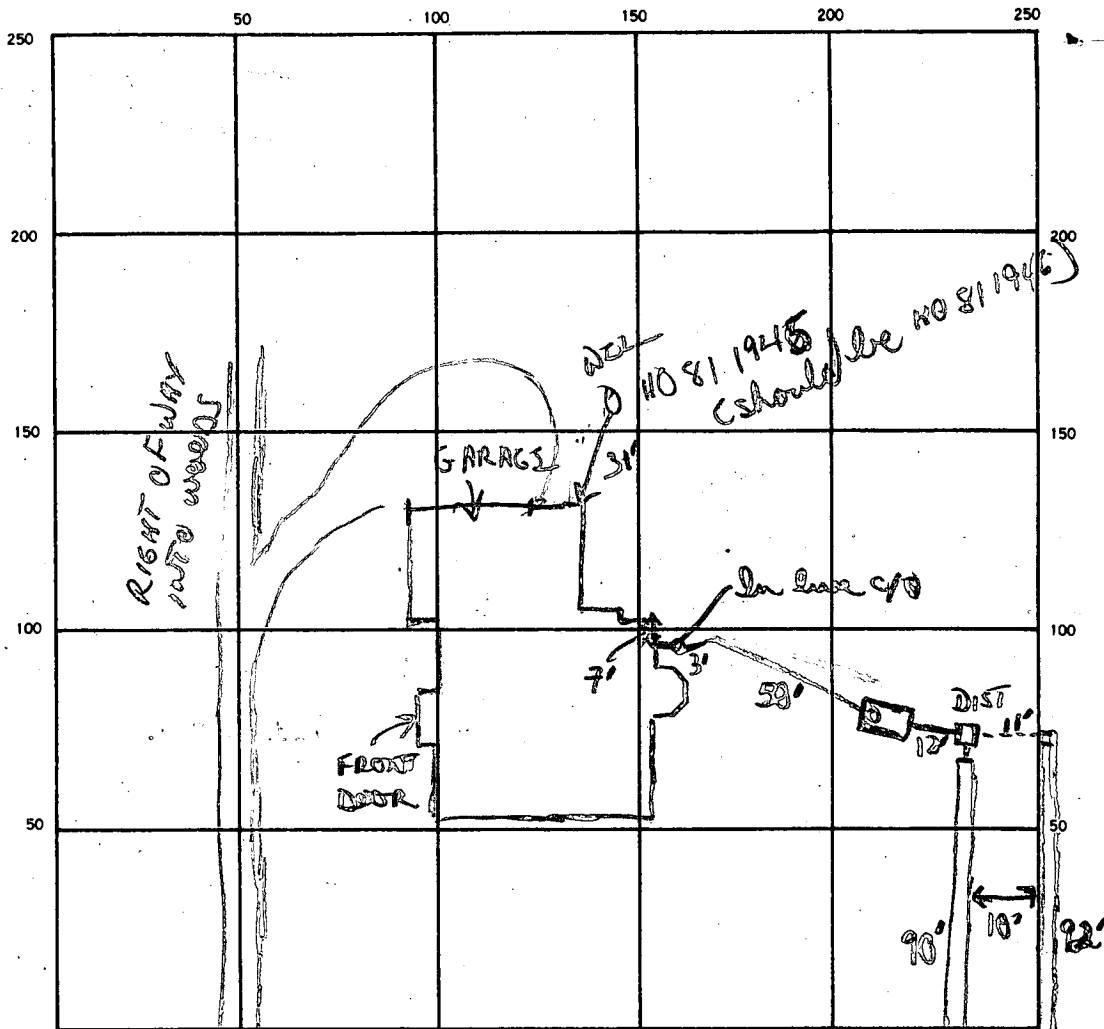
BDDG. PERMIT SIGNED
AND RETURNED 4/19/87
Serial # 17749 - deck
deck

A 36676

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186



crystal field

GATHER ROAD

180
4
4/720
2-90'

SEPTIC TANK. LEVEL 1250 or 1580 gal CLEANOUTS 1 ST. 1 In line 4/0

DISTRIBUTION BOX. LEVEL ✓ w brick buffer

DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4'-4" FT.

EFFECTIVE GRAVEL DEPTH 4, 4² FT. TOTAL LENGTH 90' 92' FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 360² 368² SQ. FT.

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

ABSORBENT AREA 728 SQ. FT.

REMARKS 10/21/87 OK to add stone pipe paper to both trenches
10/23/87 OK to cover both trenches
OK to cover all other work

DATE SYSTEM APPROVED 10/23/87 INSPECTOR B. N. Ryan

3/2/87

SUBDIVISION:

GATHER SIDELING
GATHER ROAD

A 36676

LOT NUMBER: 3 SEC 1

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	Septic Tank
3 bedroom	1000 gallon
4 bedroom	1250 gallon
5 bedroom	1500 gallon

Minimum Total Square Feet

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

180 sq. ft./bedroom

Trench to be 2 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.

- 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 THE RIGHT REAR LOT CORNER, PLACE 150' TRENCH 190' DOWN THE RIGHT (497.41') LOT LINE AND 130' OFF THE RIGHT LOT LINE AS SEEN WHEN FACING PROP FROM GATHER ROAD. RUN TRENCHES ALONG CONTOUR BACK TOWARDS THE RIGHT LOT LINE.

(A) PROPOSED 2-STORY HOUSE
 F.F. El.=501.0 ✓
 Bsmt. El.=492.5 ✓
 Inv. Out=486.6 ⊕ BSMT

(B) PROPOSED SEPTIC TANK
 Ex. El.=490.7 ✓
 Inv. In=486.2
 Inv. Out=484.5 ✓

(C) PROP. DISTRIBUTION BOX
 Ex. El.=489.5 ✓
 Inv. El.=485.8 ✓ $\frac{2}{10}$ " shallow.

(D) PROPOSED TRENCHES
 2 @ 60' (length) X
 Inv. El.=485.5
 4' of stone
 8' bottom max
insufficient trench for 3BK hoses

7/17/87

location adjustment in spec ~~is~~ ok

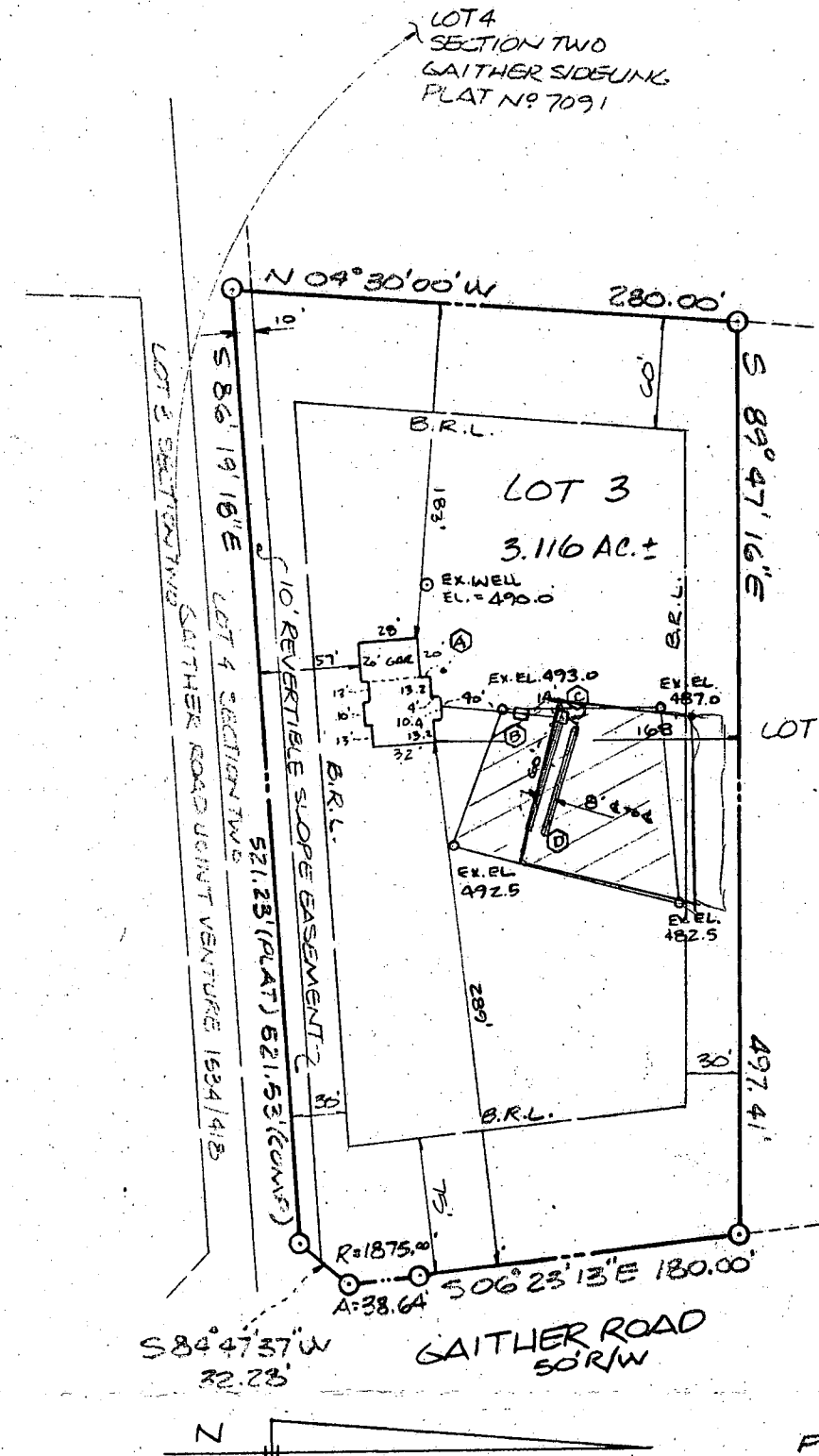
*location ok - insufficient trench. elevations ok
 4-8
 180
 S.A.W.*

BLDG. PERMIT SIGNED
 AND RETURNED 7/17/87

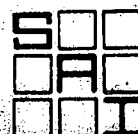
S.A.W.

BP # 12420

PLOT PLAN
 LOT 3, SECTION ONE
 GAITHER SIDELING
 SITUATED ON GAITHER ROAD
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' JUNE 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) 829-2890

REFERENCE

JOB NO.

PLAT # 7064

87-1570

(A) PROPOSED 2-STORY HOUSE

F.F. El.=501.0
Bsmt. El.=492.5
Inv. Out=486.9

(B) PROPOSED SEPTIC TANK

Ex. El.=490.7
Inv. In=486.4
Inv. Out=486.1

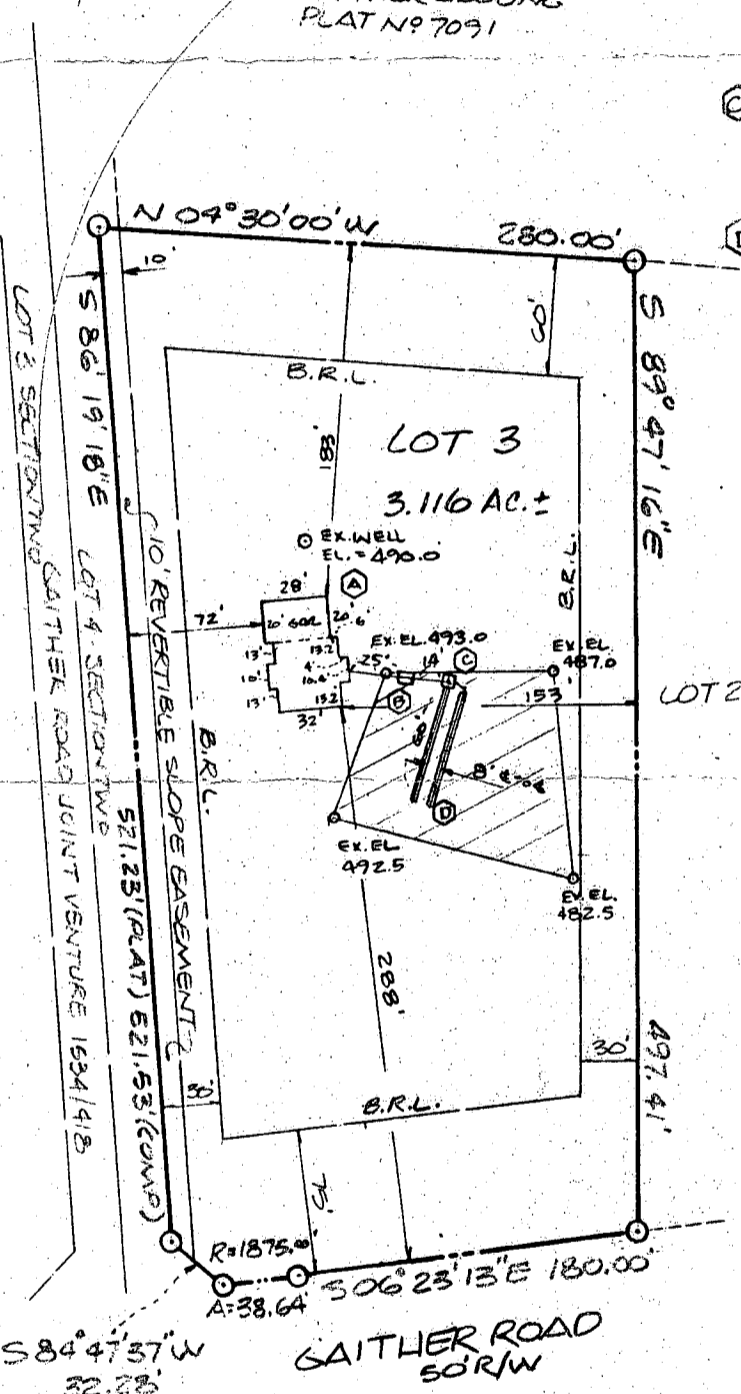
(C) PROP. DISTRIBUTION BOX

Ex. El.=489.5
Inv. El.=485.8

(D) PROPOSED TRENCHES

2 @ 60' (length)
Inv. El.=485.5
4' of stone
8' bottom max

LOT 4
SECTION TWO
GAITHER SIDELING
PLAT N° 7091



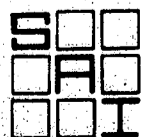
Please be advised that the front lot line is moved back 15 feet. Here is the new plan. Thank you.

PLOT PLAN
LOT 3, SECTION ONE
GAITHER SIDELING
SITUATED ON GAITHER ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=100' JUNE 1987.

REVISED : 07/23/87 - HSE & ELEV.



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

REFERENCE	JOB NO.
PLAT # 7064	87-1570

B 1 5525

SEQUENCE NO. (OEP USE ONLY)

4/21/87

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

110-81-1946

fill in this form completely

Date Received

11/19/86

OWNER INFORMATION

Contractor United Co. 8370 Court Avenue Elkridge City MD 21043

B 3

LOCATION OF WELL

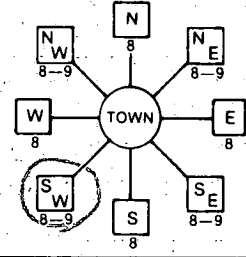
Howard County Gaithers Sideling SECTION 1 LOT 3 SYKESVILLE MILES FROM TOWN 2 MI

DRILLER INFORMATION

Driller's Name Bernard Feizer License No. 87 Firm Name Tti County Address 16009 Frederick Rd. Hisbon Signature Date 3/17/85

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Gaithers rd. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 3490 FT ENTER FT or MI 57

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 R 366.70 OEP SIGNATURE DATE ISSUED 30297 CO SIGNATURE EXP. DATE NORTH GRID 554000 EAST GRID 0802000

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

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)

APPROX. PERMIT NUMBER GAP

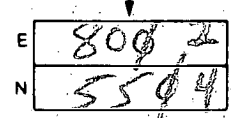
FORCE INITIALS IN BOX PERMIT No. AC-81-1946

SPECIAL CONDITIONS

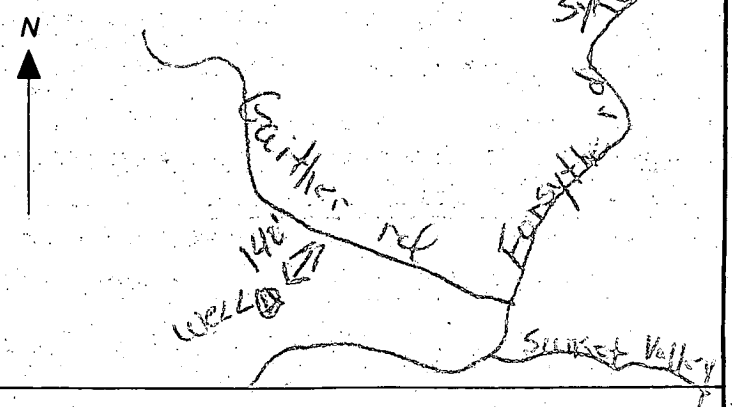
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

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



4/21/87

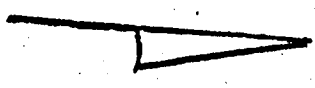
location as per staked
27' along (2 1/2 above)
= 25' open hole

let
soil
front
finished

bags

120 sample taken

280.00'

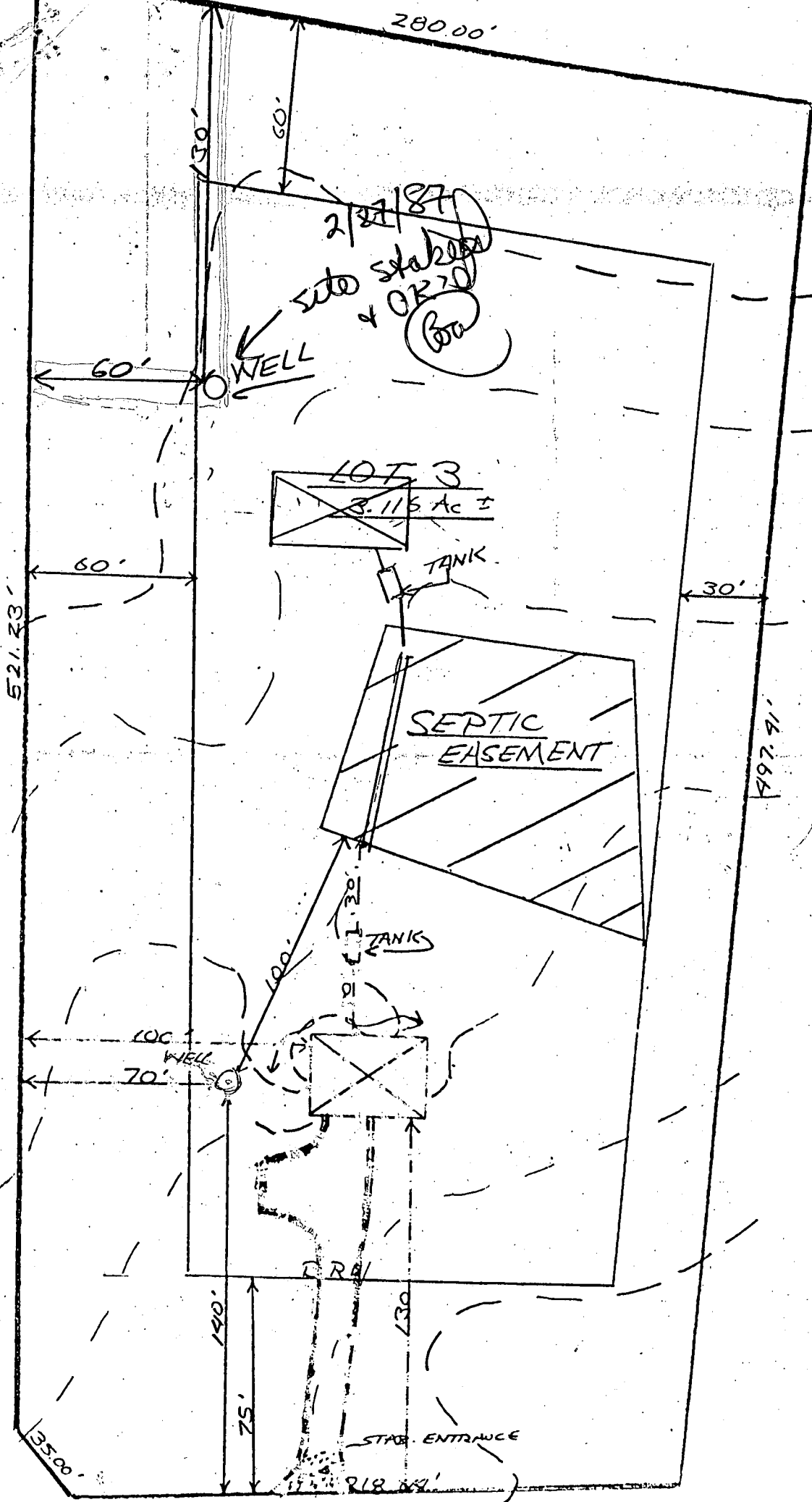


2/27/87

Site Stake
& OR 70
(BTA)

REVISED WELL LOCATION
AS OF 11/29/86

GATHER
SIDELING
@ 11/24/80



1" = 50'

C1 1113 (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 A36676

DATE Received [] DATE WELL COMPLETED 092197 Depth of Well 200 (TO NEAREST FOOT) PERMIT NO. 1045 FROM "PERMIT TO DRILL WELL" HC-81-1996

OWNER Myers last name Gaither rd. first name Mike TOWN Sykesville SUBDIVISION Gaithers Sidling SECTION LOT 3

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	
clay	2	5	
sand	5	23	
gray rock	23	35	✓ OK
gray white rock	35	200	✓

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)
TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)
CEMENT (CM) BENTONITE CLAY (BC)
NO. OF BAGS 11 NO. OF POUNDS 1634
GALLONS OF WATER 66
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 20 ft.

CASING RECORD
casing types insert appropriate code below
ST CO STEEL CONCRETE
PL OT PLASTIC OTHER
MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 06 Total depth of main casing (nearest foot) 27

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

C2
DEPTH (nearest ft.) 24-25'
HC 20 200
EACH CASING SCREEN 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

SLOT SIZE 1 2 3
DIAMETER OF SCREEN [] (NEAREST INCH)

C3
PUMPING TEST
HOURS PUMPED (nearest hour) 03
PUMPING RATE (gal. per min. to nearest gal.) 4
METHOD USED TO MEASURE PUMPING RATE 1 gal
WATER LEVEL (distance from land surface) BEFORE PUMPING 30 WHEN PUMPING 30
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 32' (nearest foot) 03

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)

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. 210

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.) WQ
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

well
Gaithers