

2/25/87  
2/26/88  
12:28 PM

N - W P 1

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

P 41054

A 38024

DISTRICT \_\_\_\_\_

DATE 2/25/88

DATE SYSTEM APPROVED 2-26-88

INSPECTOR JEN

Collins Company, Inc.

IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 2024 Millers Mill Road, Cooksville, Maryland PHONE 795-8618

SUBDIVISION \_\_\_\_\_ ROAD 7940 Guilford Road LOT Tax Map 35

PROPERTY OWNER Wayne and Paula Gaither  
7940 Guilford Road

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO X *200 sq trench*

SEPTIC TANK CAPACITY 1500 GALLONS (Required) NUMBER OF BEDROOMS 3

**SEPTIC CONTRACTOR MUST MEET HEALTH DEPARTMENT AT SITE PRIOR TO DOING ANY EXCAVATION DUE TO LIMITED SITE CONDITIONS.**

**TRENCHES - 200 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4 1/2 feet below original grade. Effective area begins at 3 feet below original grade. 1 1/2 feet of stone below distribution pipe.**

**LOCATION - Place the distribution box 80 feet from the (124.98') lot line that is nearest to Guilford Road and 15 feet from the 309.64') lot line that is perpendicular to Guilford Road. Run trenches along contour toward the (252.37') lot line that borders the right-of-way.**

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

**\*INSTALLER TO REQUEST INSPECTION PRIOR TO DOING ANY EXCAVATION 2/23/88 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.

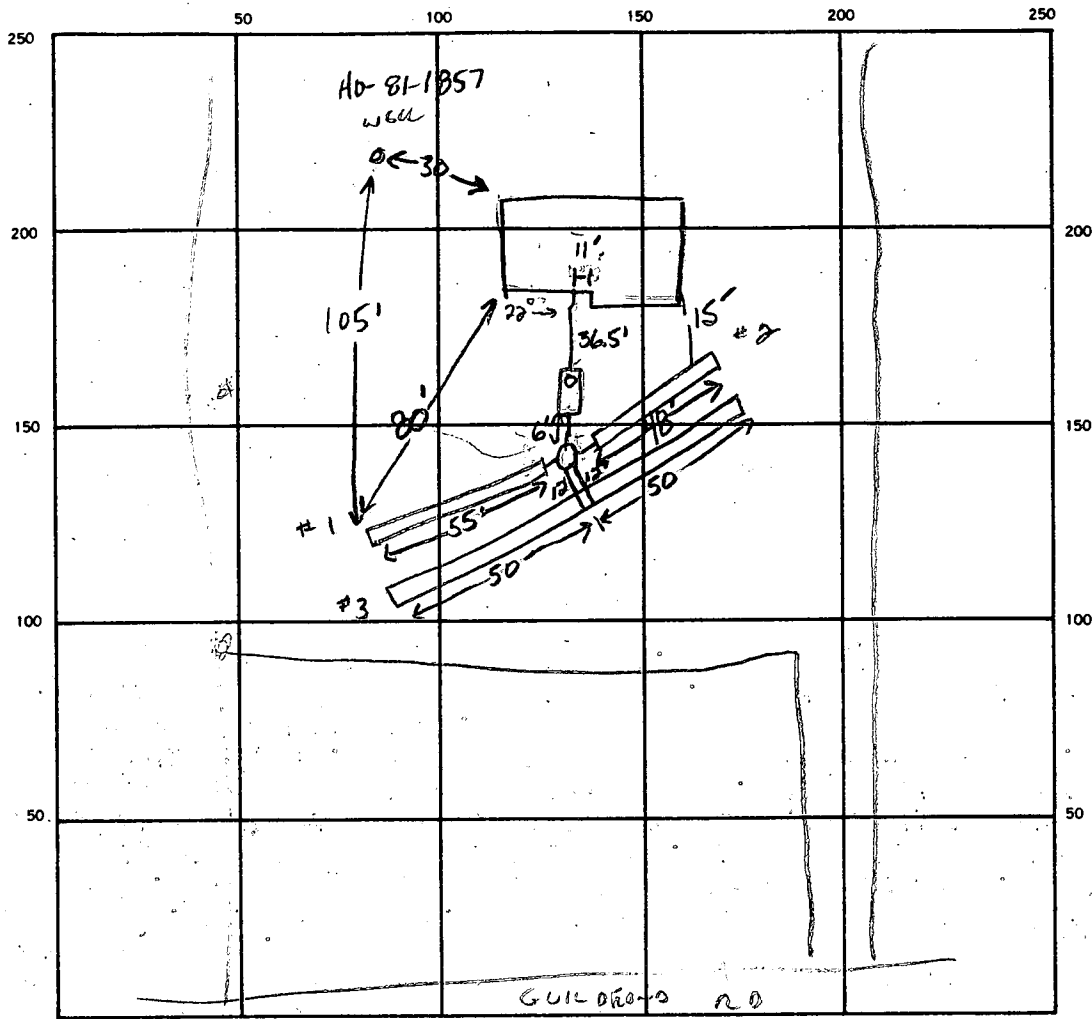
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 38024



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK LEVEL 1500 gal CLEANOUTS one on septic tank

DISTRIBUTION BOX LEVEL with baffle

DRAIN FIELD/TILE FIELD DEPTH 4.5' FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 3 3 FT.

EFFECTIVE GRAVEL DEPTH 1.5/1.5/1.5 FT. TOTAL LENGTH 55 48 100 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 165/144/300 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 609 SQ. FT.

REMARKS Soil FROM TANK TO HOUSE EXTREMELY ROCKY. LOT CORNER SHOWS LOT

TO BE SMALLER THAN INDICATED BY COURSE OF TIME OR PERC TEST. LIMITED AREA REMAINING FOR SEPTIC

SOIL WITHIN TRENCHES SANDY LOAM W/ FEW SMALL STONES NO STRUCTURE SEEN. LITTLE ROOM

REMAINING FOR REPAIR SYSTEM POSSIBLY X1 ONLY 2-26-88 Replace cracked drain pipe in trench. Grout at house. Add other pipe and paper. OK to cover all work!

DATE SYSTEM APPROVED 2-26-88

INSPECTOR Jane E. Madenan

# APPLICATION

PERCOLATION TESTING

A 38024  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 11/7/86

Reviewed 11/5/86  
OK TO Process, = LOT DEEDED IN 1965.

S. ABEL

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 WAYNE & Paula GAITHER

ADDRESS 7934 Route # 32, P.O. Box 314 PHONE 531-6727

PROSPECTIVE BUYER SAME AS ABOVE CALL FIRST WIFE 531-4327

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

PROPERTY LOCATION:

SUBDIVISION Simpsonville LOT NO. SEE DEED (1.225 Ac.)

ROAD AND DESCRIPTION Old Route #32 & Cedar Lane

TAX MAP 35 PARCEL # 322

HOWARD COUNTY HEALTH DEPARTMENT  
10-103516-02

SIZE OF LOT 1.25<sup>±</sup> Ac. TYPE BLDG. Single Family Dwelling  
(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.

Wayne Melvin Gaither  
(SIGNATURE OF APPLICANT)

APPROVED BY C. W. Reed FOR TILE FIELDS ONLY DATE 12/18/86

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

BLDG. PERMIT SIGNED  
AND RETURNED 12/18/86  
DATE Serial # 11069

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

REASONS FOR REJECTION OR HOLDING POSSIBLE WATER TABLE INTERFERENCE -

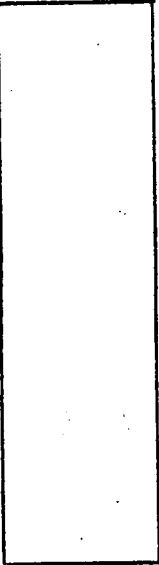
HOLD FOR WGT SEASON - ALSO NEED DETERMINATION  
OF POSSIBLE WELL SITE, 11/25/86 CW

RE-INSA BY S. ABEL 11/26/86 - WGT SEASON NOT REQUIRED. WELL SITE CONFIRMED 12/18/86 CW

# THIS IS NOT A PERMIT

Preliminary  
11/5/86  
1:30  
Nov. 25/86

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 38024  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_  
DATE 11/7/86

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 \_\_\_\_\_

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

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

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

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(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 OF APPLICANT)

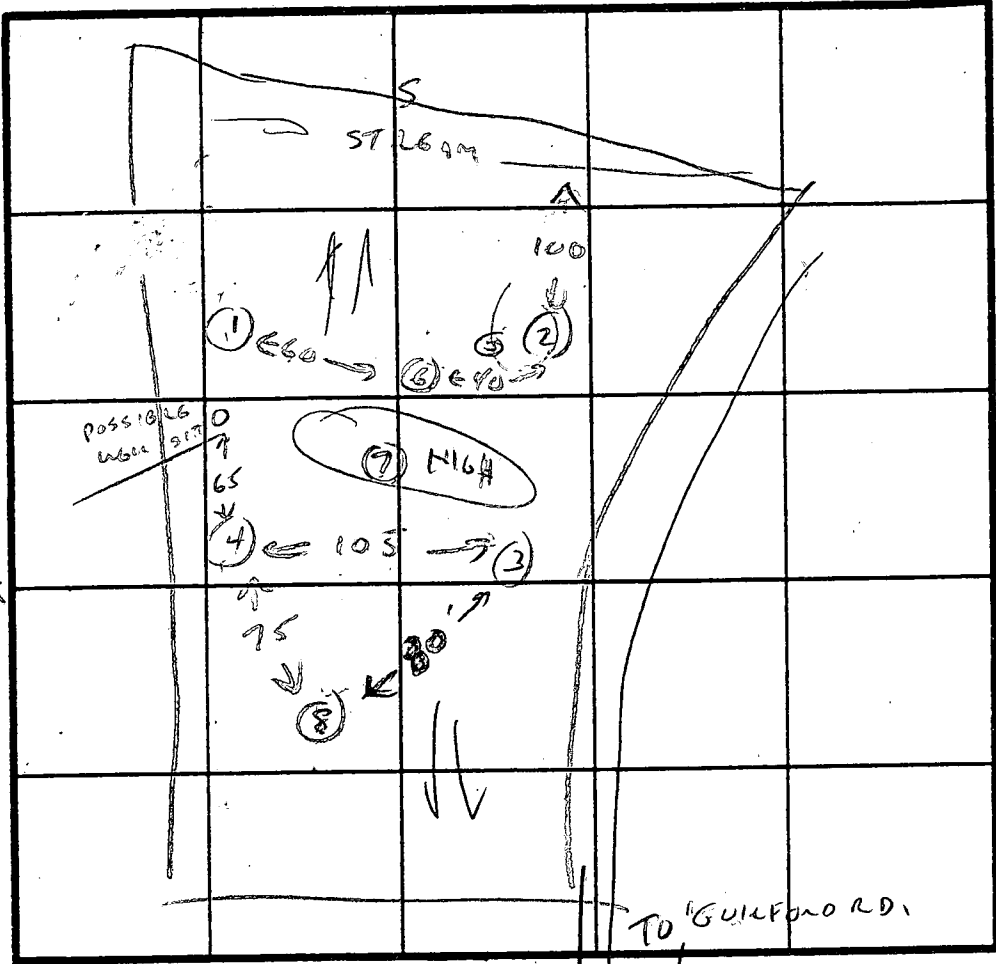
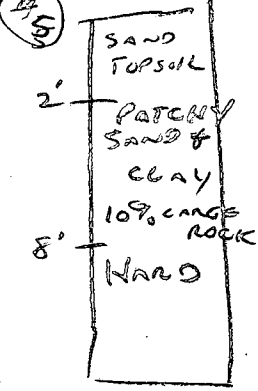
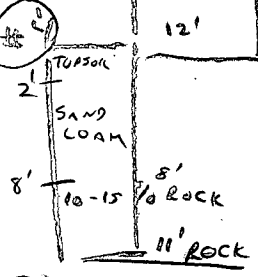
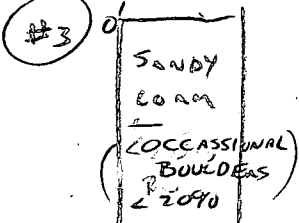
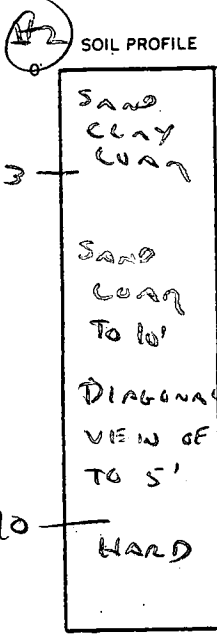
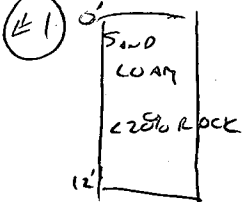
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/05/86	1	2 8	2:33	2:35	2:35	2:38	3 MIN 3 MIN IF TESTED	
		12	VISUAL OK TO 12'				✓	
	2	3	NOT TESTED - SOILS QUESTIONABLE - CLAY & ROCK LOCATION NOT USEABLE, ROCK HILES DIRECTLY ADJACENT					
	3	3 8	VISUAL OK				SANDY	✓
		12	HARD BOTTOM					
	4	4 8	2:21	2:22	2:22	2:25	3 MIN	
		11	HARD BOTTOM					
	5	5	SOME ROCK TO 4' + CLAY REFUSAL AT 8'					X
	6	6	ROCK AT 4'					X

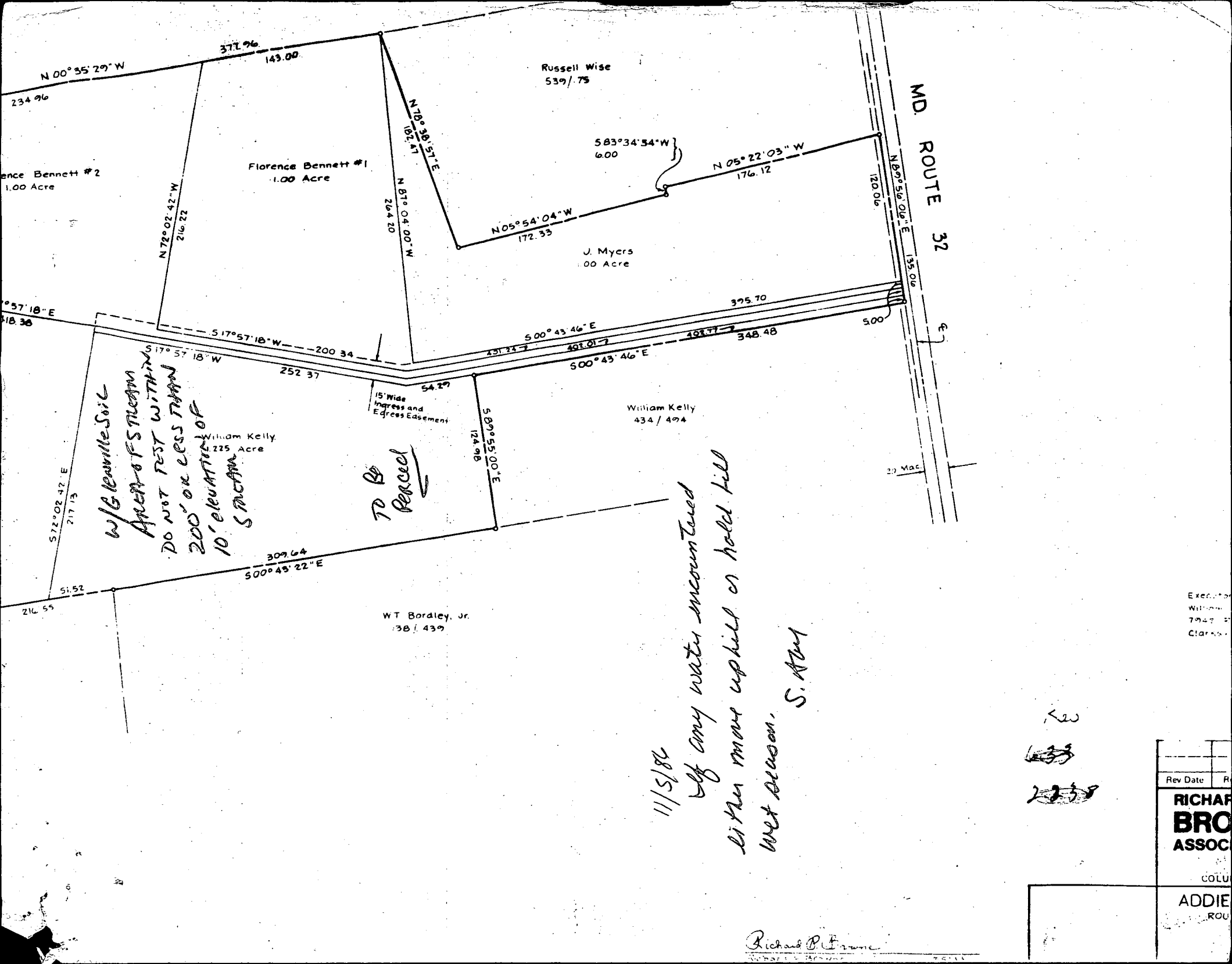
REMARKS: 7 LARGE BOULDERS JUST UNDER SURFACE NOT DIGGABLE AT 6' 4"

TYPE OF SOIL: SANDY LOAM - SPOONY APPEARANCE POSSIBLE MOTTLES POSSIBLE MINERAL DEBRIT

TESTED BY: C. Williams ALSO PRESENT WAYNE GAITHER

# 8 DARK MICA LOAM TO 8', SOME CLAY SMEARING - WET SEASON REQ'D LOCATION SUSPECT. (RE-INSP BY S. ABEL 11/26/86 NO SOILS NOT REQ'D)

-EH-12-1079



234.96  
N 00° 35' 29" W  
Florence Bennett #2  
1.00 Acre

371.96  
143.00  
N 78° 02' 42" W  
216.22  
Florence Bennett #1  
1.00 Acre

Russell Wise  
539 / 75

583° 34' 34" W  
6.00

J. Myers  
00 Acre

MD. ROUTE 32

517° 57' 18" W  
200.34

William Kelly  
225 Acre

William Kelly  
434 / 494

15' Wide  
Ingress and  
Egress Easement

*W/Glenville Soil  
Area of Stream  
DO NOT TEST WITHIN  
200' OR LESS TRAP  
10' ELEVATION OF  
STREAM*

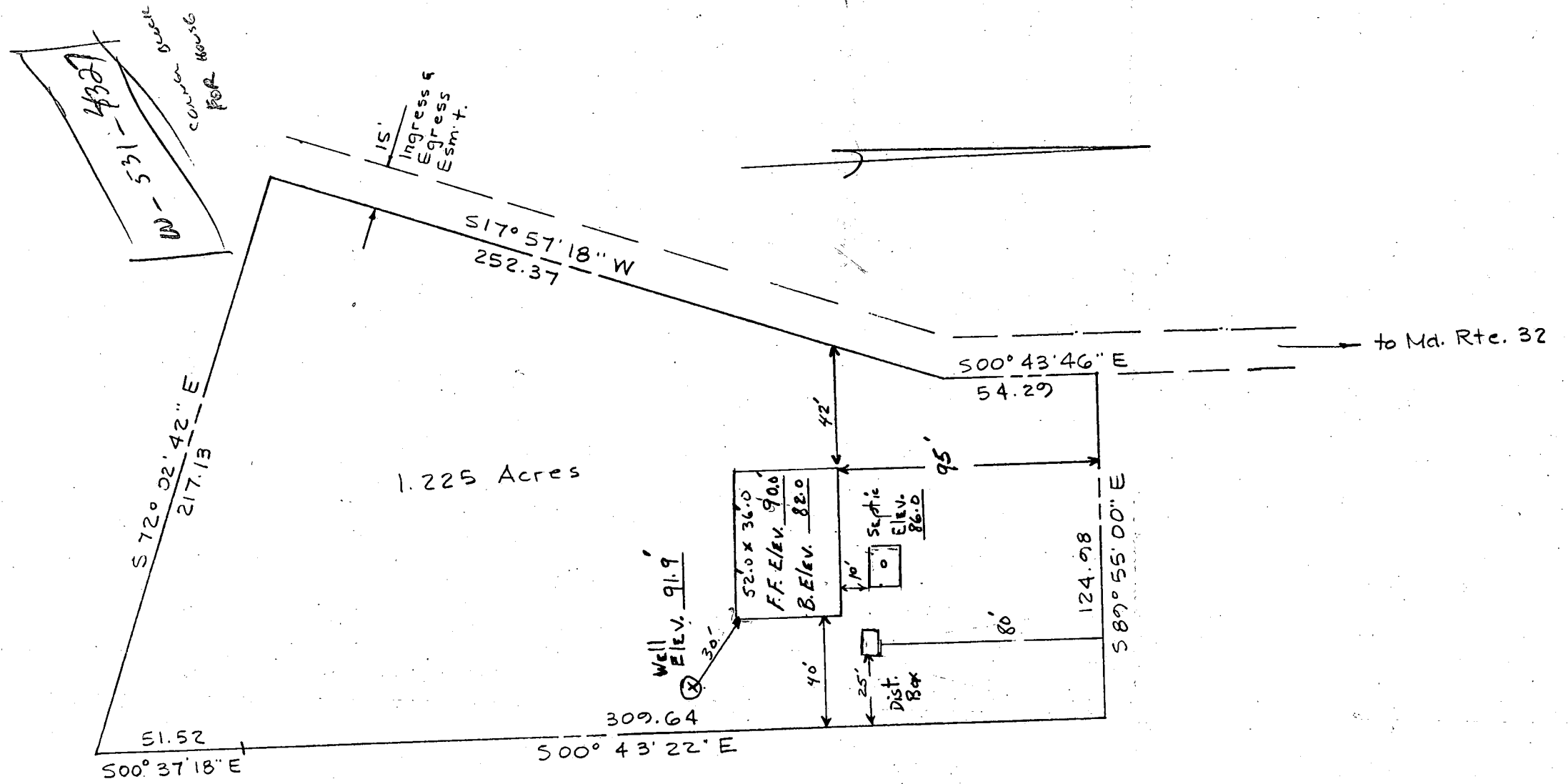
*TO BE  
PERCEIVED*

*11/15/86  
If any water encountered  
either more uphill or hold fill  
wet season.  
S. A. My*

WT Bordley, Jr.  
38 / 439

Rev Date	R
<b>RICHARD BRO ASSOC</b>	
COLU	
ADDIE ROU	

Richard P. Frame

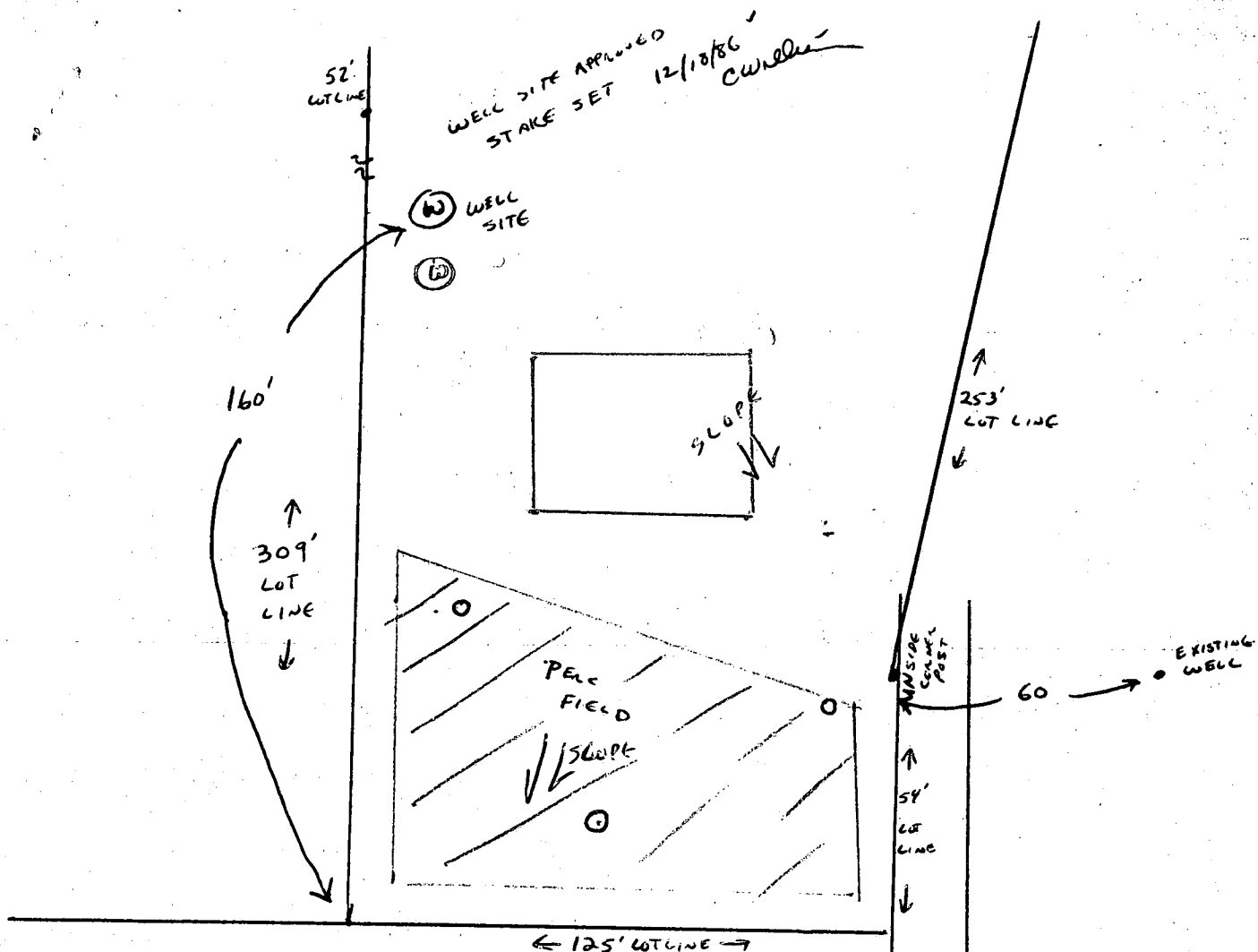


Site Plan

Scale: 1" = 50'

Wayne Gaither

4/7/87



SCALE 1" = 40'

PERC PLAT / WELL SITE PROPOSAL

OLD ROUTE 32 -  
WAYNE GAITHER PROPERTY  
1.225 ACRES

TAX MAP 35, PARCEL 322

PREPARED BY WAYNE GAITHER & CRAIG WILLIAMS  
12/18 & 12/18 1986

A38024

GUILFORD RD

B 1 4565

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-1857

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

please print or type

fill in this form completely

Grant 10AM 2-9-87

Date Received

Grid for date received

OWNER INFORMATION

BALTHIER WAYNE

7924 RT 32

SIMPSONVILLE MD 21150

DRILLER INFORMATION

George F. Easterday

Driller's Name License No. 80

L. Franklin Easterday, Inc.

9265 Brown Church Rd., Mt. Airy, Md. 21771

Signature Date 12/18/86

B 3

LOCATION OF WELL

HOWARD

MAP 35 Q23 P322

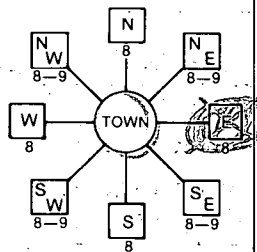
SECTION LOT

SIMPSONVILLE

MILES FROM TOWN

B 4

DIRECTION OF WELL FROM TOWN



RT 32 NEAR WHAT ROAD

ON WHICH SIDE OF ROAD



DISTANCE FROM ROAD ENTER FT or MI

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home, Farming, Industrial, Public or Private Water Company, Test, Observation, Monitoring

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME

A 38024 COUNTY NO.

OEP SIGNATURE DATE ISSUED

010987 R. A. ... 07/09/87

NORTH GRID EAST GRID

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- Bored, Jetted, Air-Rotary, Air-PerCussion, Rotary, Cable, Reverse-Rotary, Drive-Point

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- Not replace, Replace and seal, Replace as standby, Deepen

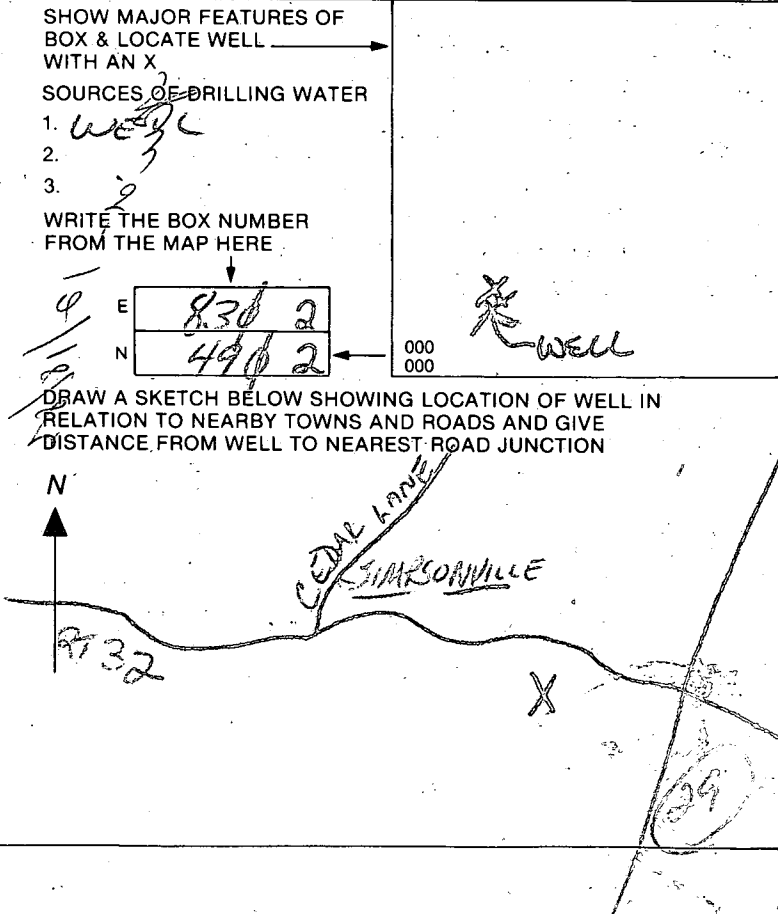
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED

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

APPROX. PERMIT NUMBER GAP

FORCE INITIALS PERMIT No. 40-81-1857

SPECIAL CONDITIONS



THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE COUNTY NUMBER **A-38024** PERMIT NO. FROM "PERMIT TO DRILL WELL" **RD-81-185A**

DATE Received [ ] DATE WELL COMPLETED **020987** Depth of Well **360** (TO NEAREST FOOT) OWNER **GATHER WAYNE** STREET OR RFD **7134 RTE. 32 (GUILFORD RD)** TOWN **SIMPSONVILLE** SUBDIVISION **MAP 35 Q23 P322** SECTION **1** 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	
topsoil	0	1	
Red clay	1	7	
Red mica	7	11	
brown mica	11	40	
gray mica	40	73	
brown mica	73	80	
gray mica	80	360	

*note 2 1/2 GPM*

**GROUTING RECORD**  
WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
TYPE OF GROUTING MATERIAL  
CEMENT **CM** BENTONITE CLAY **BC**  
NO. OF BAGS **6** NO. OF POUNDS **600**  
GALLONS OF WATER **30** **564**  
DEPTH OF GROUT SEAL (to nearest foot)  
from **0** ft. to **28** ft.  
(enter 0 if from surface)

**CASING RECORD**  
casing types insert appropriate code below  
**ST** **CO** **PL** **OT**  
STEEL CONCRETE PLASTIC OTHER  
MAIN CASING TYPE **ST** **CO** **PL** **OT**  
Nominal diameter top (main) casing (nearest inch) **2 1/2** **4** **2 1/2** **4**  
Total depth of main casing (nearest foot) **21** **66** **70**

**OTHER CASING** (if used)  
diameter inch **2 1/2** depth (feet) from **0** to **21**

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

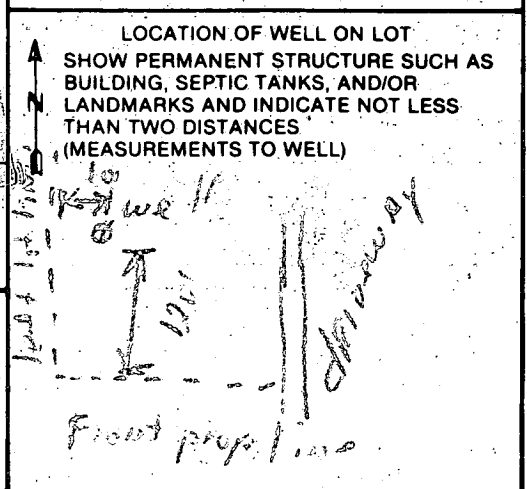
**C2**  
DEPTH (nearest ft.) **20** **360**  
EACH SCREEN 1 **HO** 11 15 17 21  
2 23 24 26 30 32 36  
3 38 39 41 45 47 51  
SLOT SIZE 1 2 3  
DIAMETER OF SCREEN (NEAREST INCH) **2 1/2** **4** **6** **8**

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** **74** **75** **76**  
TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3**  
**PUMPING TEST**  
HOURS PUMPED (nearest hour) **0** **25**  
PUMPING RATE (gal. per min to nearest gal.) **3** **15**  
METHOD USED TO MEASURE PUMPING RATE **Bucket**  
WATER LEVEL (distance from land surface) BEFORE PUMPING **17** **20**  
WHEN PUMPING **77** **25**  
TYPE OF PUMP USED (for test) **A** **P** **T** **C** **R** **O** **J** **S**  
air piston turbine centrifugal rotary other (describe below) jet submersible

**PUMP INSTALLED**  
DRILLER WILL INSTALL PUMP YES **NO**  
(CIRCLE) (YES or 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) **+** **49** **-** **49**  
LAND SURFACE (nearest foot) **50** **51**



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. **40**  
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) **Robert K. Neuberger**  
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

2149

2-12-89  
8:00

Review OK 6-9-87 JEN

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1857  
Location of property (road) 7934 RTE 32 (GUILFORD RD)  
Subdivision MAP 35 Q 23 P.322 Lot          Block          Plat          Sec.           
Well Driller G. EASTERDAY Owner GAITHER, WAYNE

Depth of well 360 1 1/3 GPM  
Distance of measuring point (M.P.) above ground 2'  
Static water level (S.W.L.) below M.P. 19'

I. High rate pumping -- reservoir drawdown

Time pump started 9:10 Pumping rate, 10 gpm  
Total time 9:25 to reach pumping water level 78 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)
9:40	77'	23 SEC	Pump SET	2.5
9:55	77'	23	350 BSP	2.5
10:10	77'	23	DENNY	2.5
10:25	77'	23		2.5
10:40	77'	23	60	2.5
10:55	77'	23	2.5	2.5
11:10	77'	23	300	2.5
11:25	77'	23	120	2.5
11:40	77'	23	150.0	2.5
11:55	77'	23	2	2.5
12:10	77'	23	300	2.5
12:25	77'	23	77 58	2.5
12:40	77'	23	19 1.5	2 1/2
12:55	77'	23	58 29.0	2 1/2
1:10	77'	23	58	2 1/2
1:25	77'	23	87.0	2 1/2
1:40	77'	23		2 1/2
1:55	77'	23		2 1/2
2:10	77'	23		2 1/2
2:25	77'	23		2 1/2
2:40	77'	23		2 1/2
2:55	77'	23		2 1/2
3:10	77'	23		2 1/2
3:25	77'	23		2 1/2
3:40	77'	23		2 1/2

387 gal  
sec  
746.5 gal assumed  
if pump set at  
350'. 6-9-87 JEN