

PUB. SEWER STATUS VERIFIED BY \_\_\_\_\_

ISSUE DATE: 4/22/2004

P 520316

APPROVAL DATE: 5/7/04

A REPAIR

# PERMIT

03305678

## ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Rd, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Friendship Manor LOT NUMBER: 17

ADDRESS: 2646 Wellworth Way PROPERTY OWNER: Mark Graydon

SEPTIC TANK CAPACITY (GALLONS): EX 1500

PUMP CHAMBER CAPACITY (GALLONS): N/A

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 150

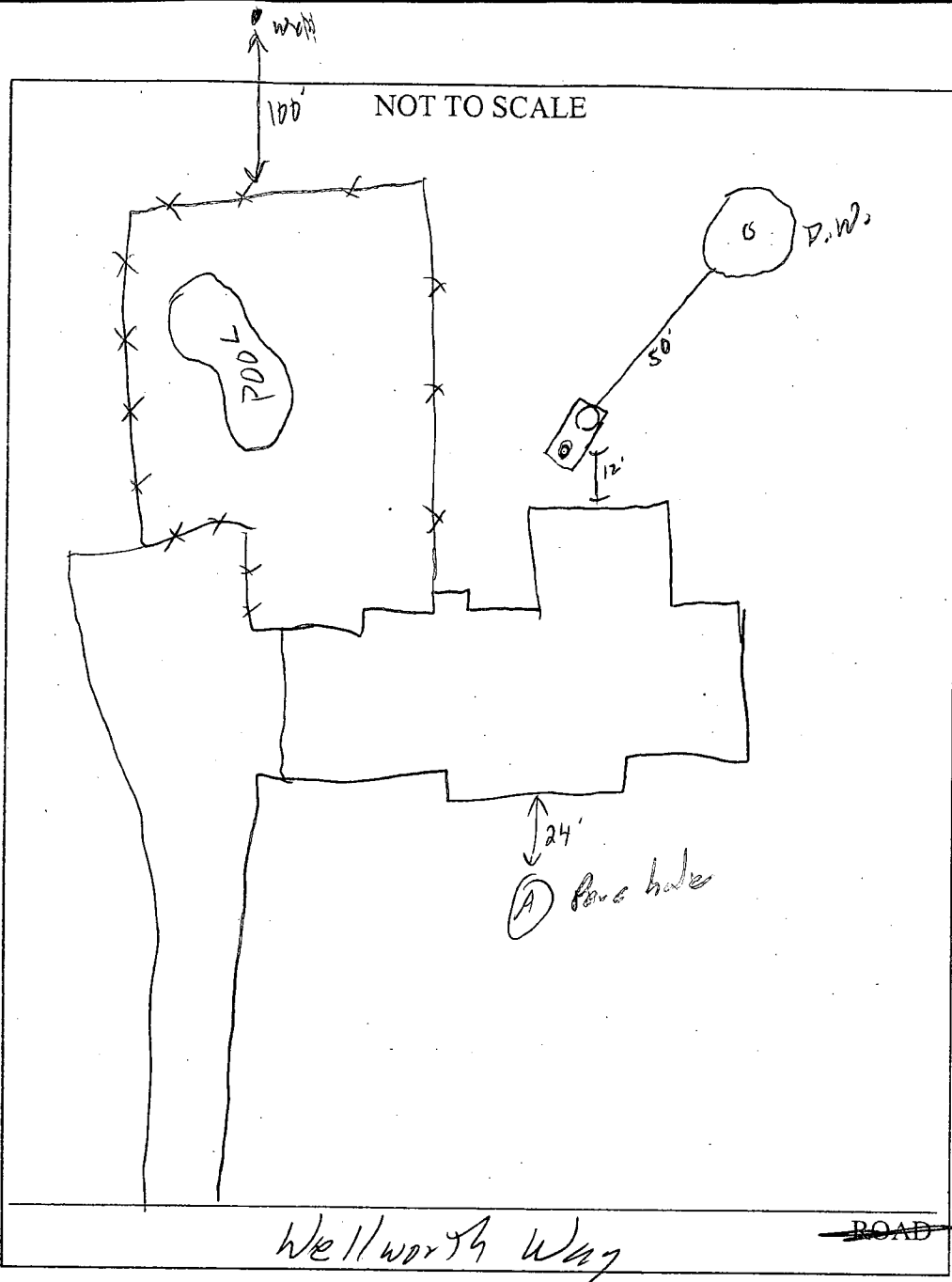
TRENCHES:	Trench to be <u>3</u> feet wide. Inlet <u>6</u> feet below original grade. Bottom maximum depth <u>8</u> feet below original grade. Effective area begins at <u>6</u> feet below original grade. <u>2</u> feet of stone below distribution pipe.
LOCATION:	<u>ok to bring invert up in 2nd/long trench if original grade is higher. On best contour</u>
PURPOSE:	Existing septic system has failed. Call for inspection when ground is opened so sanitarian can recommend repair.

PLANS APPROVED: [Signature] DATE: 5/5/04

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A 26036



**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES _____		
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL _____		
DISTRIBUTION BOX BAFFLE _____		
DISTRIBUTION BOX PORT _____		

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL

CAPACITY Ex 1500 GAL

SEAM LOC M.d

TANK LID DEPTH 30"

BAFFLES

BAFFLE FILTER —

MANHOLE LOC Back

6" PORT LOC Front

WATERTIGHT TEST —

SEPTIC TANK 2 LEVEL \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH M/A

BAFFLES M/A

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

PRE-CONSTRUCTION \_\_\_\_\_

INSTALLATION 5/7/04 - Cont. dig up line between S.T. & D.W.  
Cast iron line almost completely blocked. Replaced back  
baflle & line w/ PVC. Installed manhole. OK to cover

FINAL INSPECTOR [Signature] DATE OF APPROVAL 5/7/04

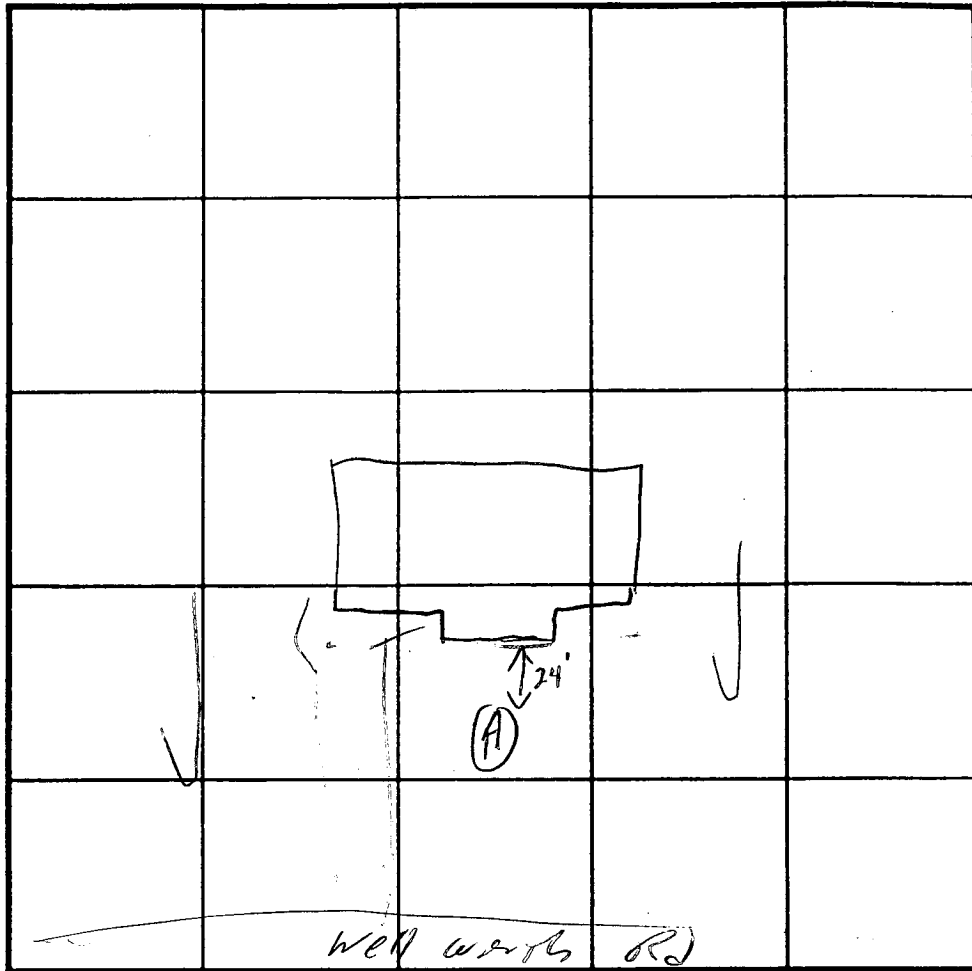
COUNTY #

SOIL PROFILE

0'  
6" Topsoil  
1' orange clay  
orange Tan  
11.0' bl LOAM  
4'  
4.2' ~~but original grade~~  
5.6" orange clay  
Tan  
sandy clay  
LOAM  
13'

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	
5/5/04	(A)	6.5' 13'	12:55	1:03	1:03	1:16	13

REMARKS \_\_\_\_\_

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

TESTED BY SO ALSO PRESENT Woody

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 13 TRENCH WIDTH 3

INLET DEPTH 6' MAXIMUM BOTTOM DEPTH 8' SQ. FT/BEDROOM 212

2' stone

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER \_\_\_\_\_

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

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

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

ROAD AND DESCRIPTION 2646 Wellworth Way

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 \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

## THIS IS NOT A PERMIT

Approved 7/17/79 R/A

7/16/79  
P.M. please  
7/17/79 be ready around 11:00  
HOWARD COUNTY

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

P 28967

A 26036

ELLICOTT CITY

DISTRICT 3rd

DATE 10/6/88

**INDEXED** ✓

Liberty Backhoe Service, Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Md. 21104 PHONE 795-2642

SUBDIVISION Friendship Manor ROAD 2646 Wellworth Way LOT 17

PROPERTY OWNER Rembrant Builders

ADDRESS 9051 Baltimore National Pike, Ellicott City, Md. Phone: 465-3000

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET. BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET. BOTTOM AREA \_\_\_\_\_ SQ. FT.

SEEPAGE PITS  ABSORBENT SIDE-WALL AREA 288 SQ. FT. total sidewall area in dry well.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 280 FT. FROM front LOT LINE AND 20 FT. FROM right LOT LINE ~~AS SHOWN~~

~~XXXXXXXXXXXX~~

~~Trench to be 50 ft. long. To run from dry well towards left rear of lot on contour more or less.~~

PLANS APPROVED BY David J. O'Neill DATE 9/6/78

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA

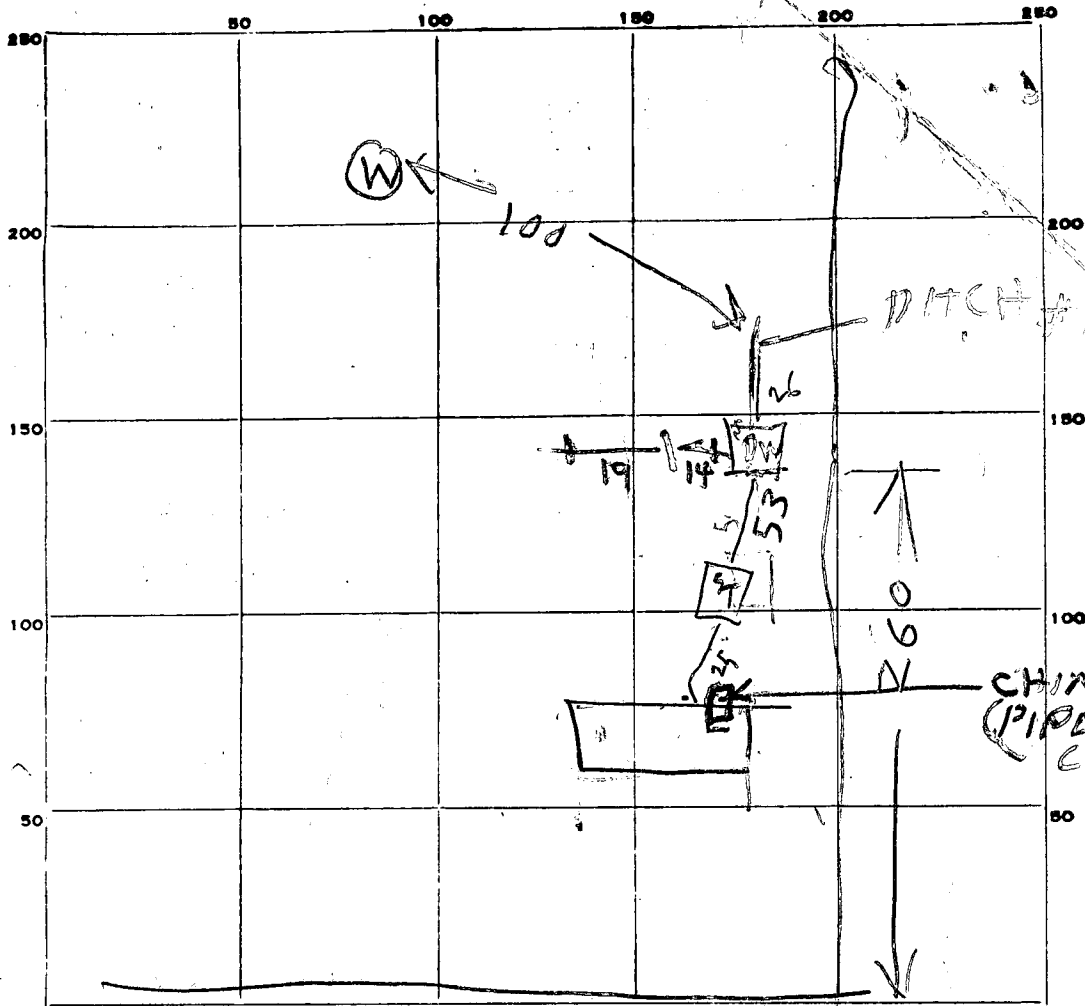
COTTA ACCEPTED.

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

BLDG. PERMIT SIGNED  
AND RETURNED 5/20/81  
Serial 46629  
enclosed pouch

A26036

BLDG. PERMIT SIGNED  
AND RETURNED 8/17/82  
Serial 50492  
P.M.



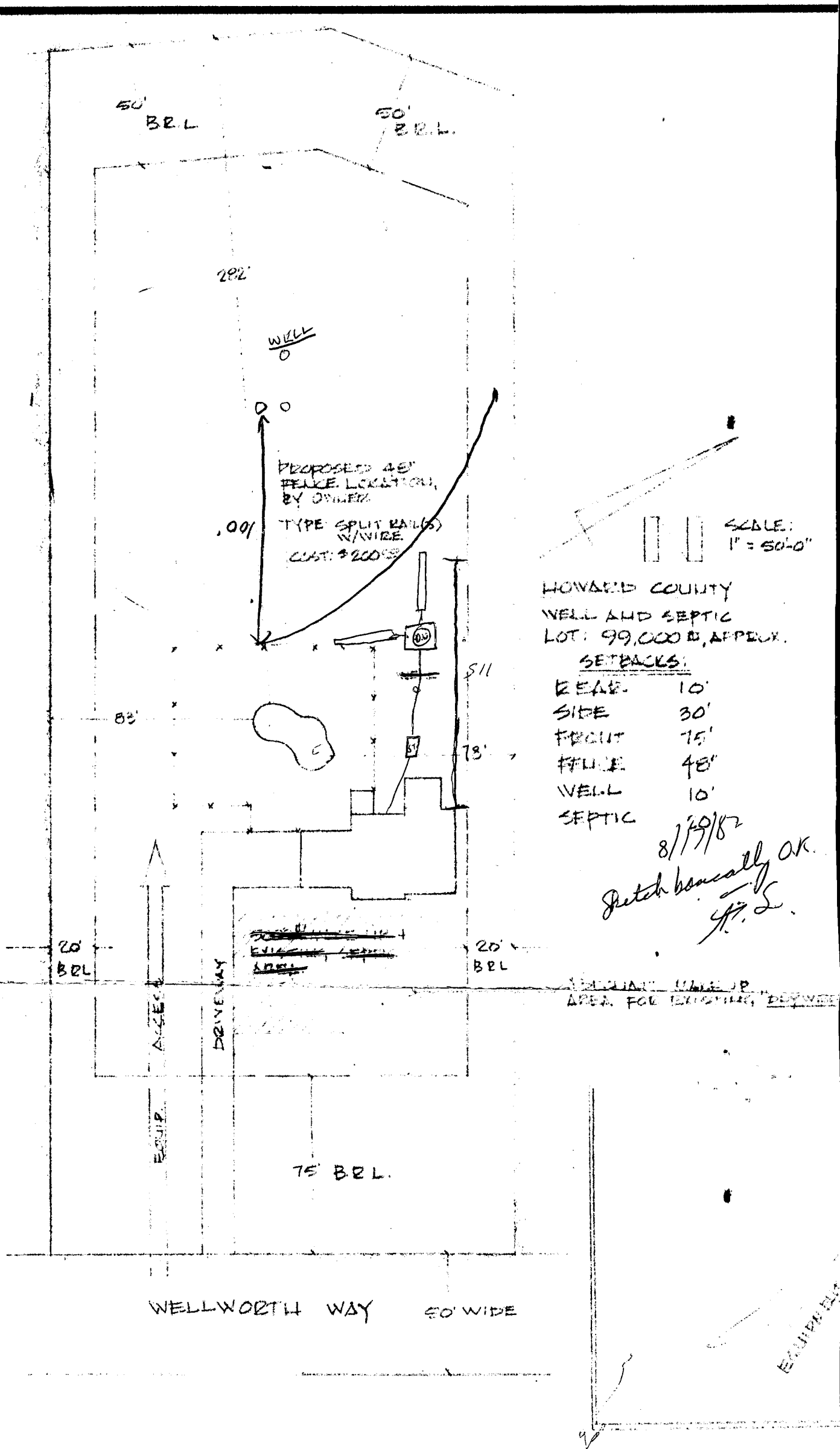
INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____	ST	DW	
SEPTIC TANK, LEVEL <u>OK 150U</u>	<u>NO 7/16</u>	<u>NO 7/16</u>	LC
DISTRIBUTION BOX, LEVEL <u>TOP 2 FT BELOW GRADE</u>	<u>OK 7/17</u>	<u>OK 7/17</u>	SC
TILE FIELD, DEPTH <u>4</u> FT. TRENCH WIDTH <u>2-5</u> FT.			
GRAVEL DEPTH <u>3 TO 6</u> IN. TOTAL LENGTH <u>58</u> FT.			
NUMBER OF TRENCHES <u>2</u>			
SEEPAGE PITS, INSIDE DIAMETER <u>47</u> FT. DEPTH BELOW INLET <u>6</u> FT.			
ABSORBENT AREA <u>280</u> SQ. FT.			

REMARKS 7/16/77 1st ADD STONE TO DITCH CEMENT SEWER LINES IN STALL CLEANOUTS ADD ANOTHER 25 FT LONG DITCH TO DW. BUT DONOT ADD STONE & CALL US BY 7/16/79 DITCH #1 - 9 FT DEEP 2 FT WIDE 6 FT STONE - 150 SPFT - DW INLET 3 FT BELOW GRADE DITCH #2 - SEE BACK OF YELLOWWELL PERMITS

DATE SYSTEM APPROVED 7/17/79 INSPECTOR Raymond [Signature]

1:05



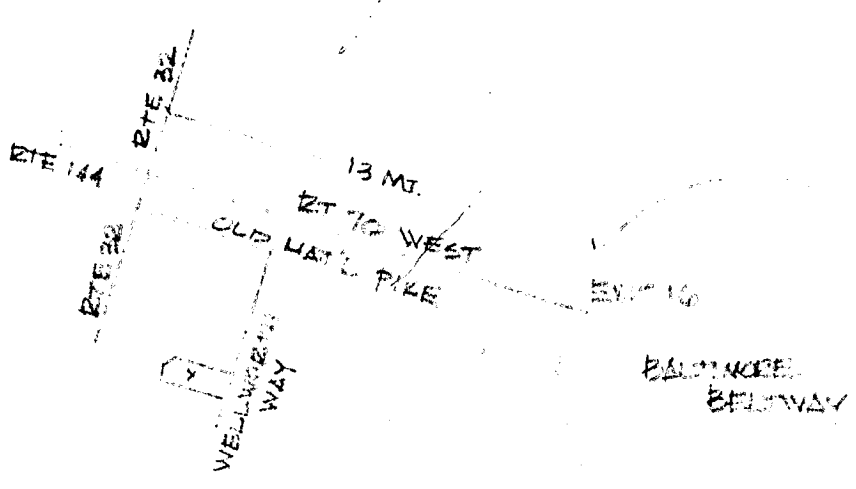
HOWARD COUNTY  
WELL AND SEPTIC  
LOT: 99,000 SQ. APPROX.

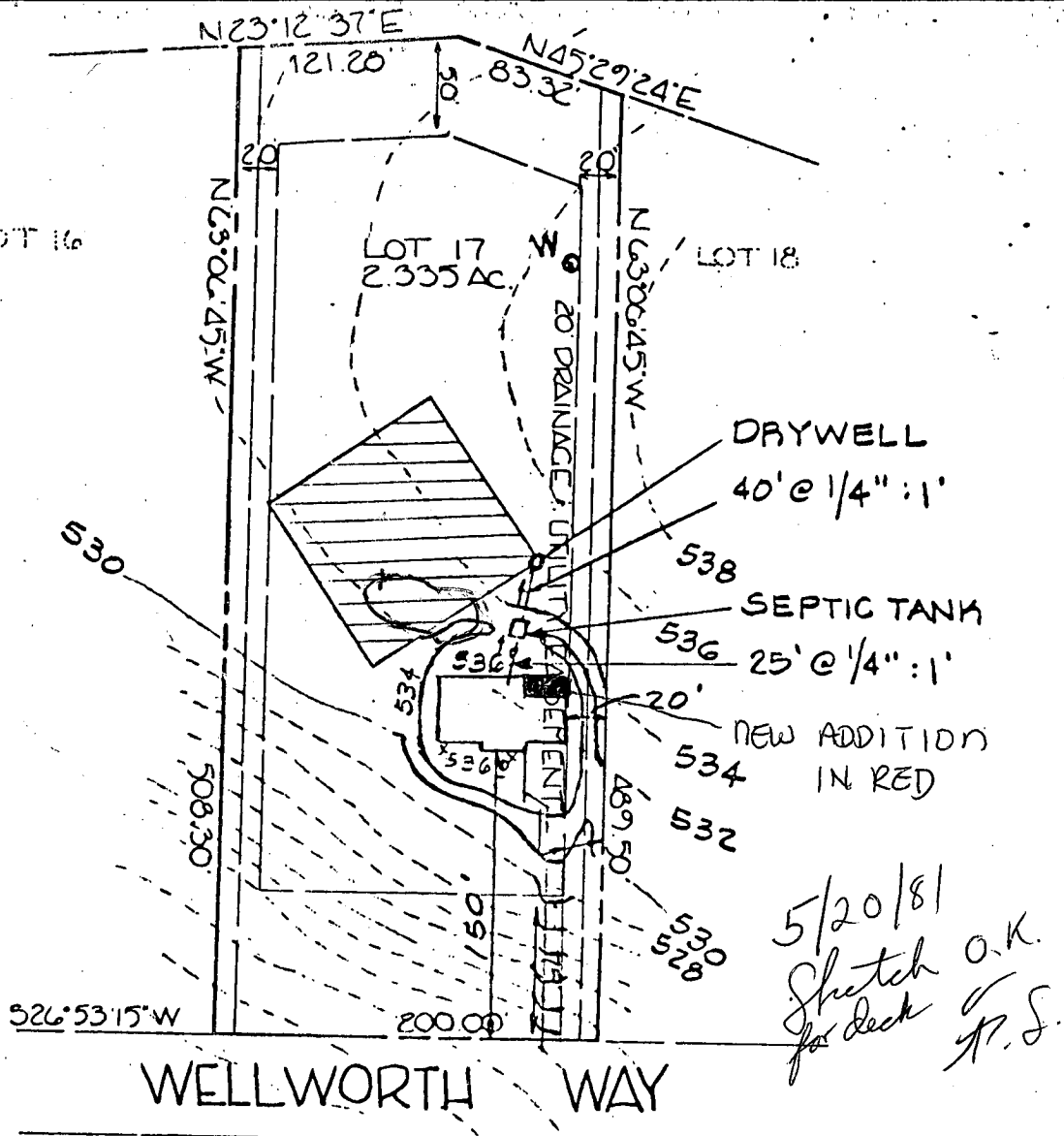
SETBACKS:

- REAR 10'
- SIDE 30'
- FRONT 75'
- FENCE 48'
- WELL 10'
- SEPTIC

8/19/82  
Sketch basically OK.  
J.S.

1:50





HOUSE:

F.F. ELEV. - 536.67  
 ESMT. ELEV. - 527.67  
 INV. OUT - 533.6

DRYWELL:

EX. GRADE - 535.0  
 PROP. GRADE  
 INV. IN - 532.0

SEPTIC TANK:

EX. GRADE - 533.8  
 PROP. GRADE - 535.8  
 INV. IN - 533.1  
 INV. OUT - 532.8

WELL:

EX. GRADE - 536.6  
 PROP. GRADE - 536.6

NOTE: SEWER SERVICE  
 AVAILABLE TO F.F. ONLY.

NOTE: Topography shown hereon is based on Howard County Aerial Topography Maps. Contractor is to set grades in the field.

TITLE			
GRADING STUDY			
PROJECT			
FRIENDSHIP MANOR - SECTION 2 - LOT 17			
LOCATION			
THIRD ELECTION DISTRICT - HOWARD COUNTY, MARYLAND			
DATE:	DESIGN BY:	DRAWN BY:	CHECKED BY:
AUGUST, 1978	WHN	DHH	WHN
SCALE:	JOB NO.:	DRAWING NO.:	
1" = 100'	78205	1 of 1	

boender associates

engineers  
 surveyors  
 planners



# APPLICATION

A 26036

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

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: 465-5000, EXT. 356

DISTRICT 3rd

DATE 6/7/77

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 William B. Ridgely

ADDRESS Spring Meadow Farm Cooksville, Md. 21728 PHONE Carol Clark  
531-5115

PROPERTY LOCATION:

SUBDIVISION Ridgely Property (Friendship Manor) LOT NO. 13-14

ROAD AND DESCRIPTION Rte. 144 - Rte. 32

SIZE OF LOT ? TYPE BLDG. 3 or 4 bedroom  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Albert Scheel

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

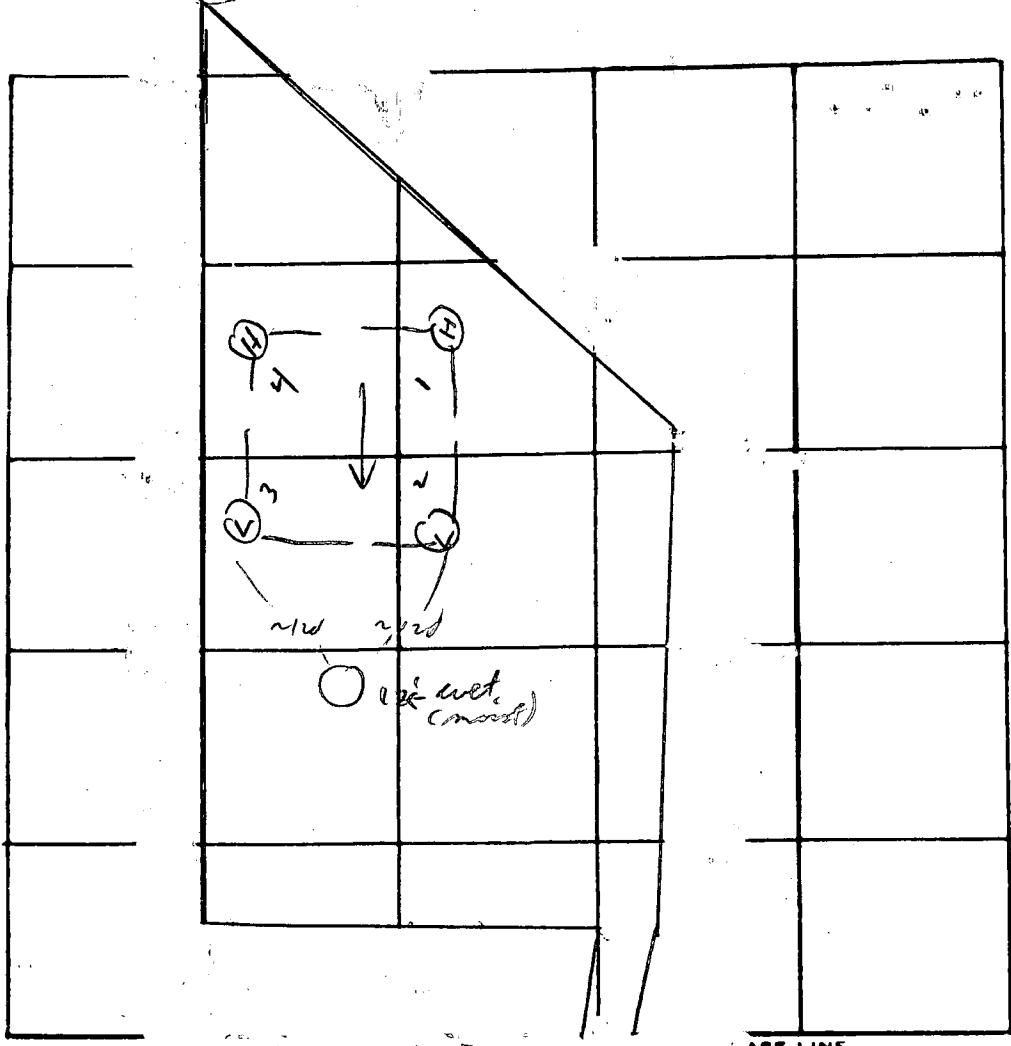
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS Agonize DATE 2/17/78

REASONS FOR REJECTION OR HOLDING This lot does not correspond to any existing lots

# THIS IS NOT A PERMIT

Lot 13



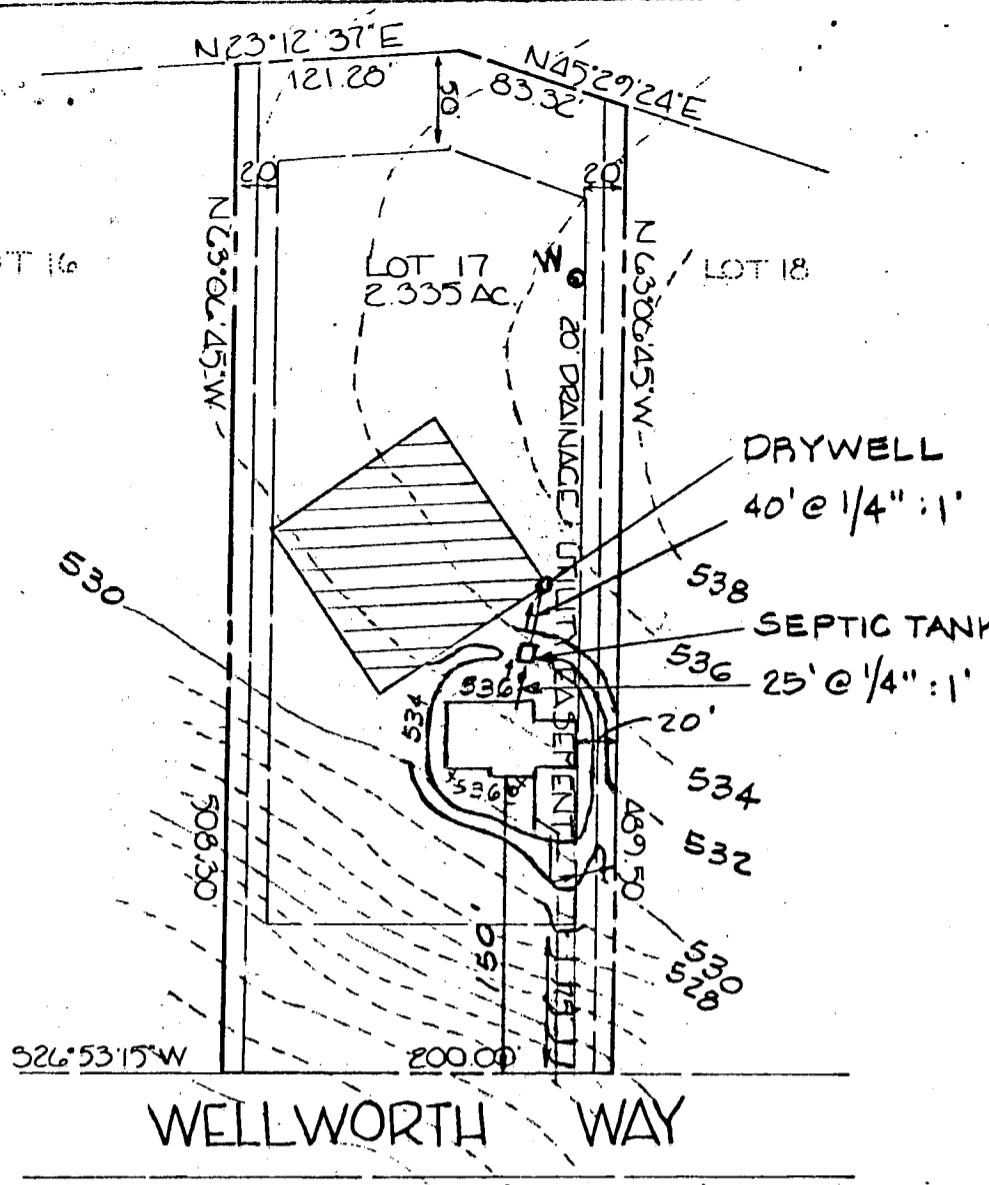
ARE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/14/20	1	2	1:53	1:55	1:53	1:58	3
		13	1:53	1:56	1:53	2:00	4
	2	3	1:58	2:01	2:01	2:06	5
		13	1:58	2:02	2:02	2:10	8
	3	3	2:00	2:13	2:13	2:33	20
		12 1/2	2:00	2:05	2:05	2:13	8
	4	12					

REMARKS certify test holes, house site, well; system first

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

TESTED BY M ALSO PRESENT: Scheel



*BU upon  
10/03/78*

HOUSE:  
 F.F. ELEV. - 536.67  
 BSMT. ELEV. - 527.67  
 INV. OUT - 533.6

DRYWELL:  
 EX. GRADE - 535.0  
 PROP. GRADE  
 INV. IN - 532.0

SEPTIC TANK:  
 EX. GRADE - 533.8  
 PROP. GRADE - 535.8  
 INV. IN - 533.1  
 INV. OUT - 532.8

WELL:  
 EX. GRADE - 536.6  
 PROP. GRADE - 536.6

NOTE: SEWER SERVICE  
 AVAILABLE TO F.F. ONLY.

NOTE: Topography shown hereon is based on Howard County Aerial Topography Maps. Contractor is to set grades in the field.

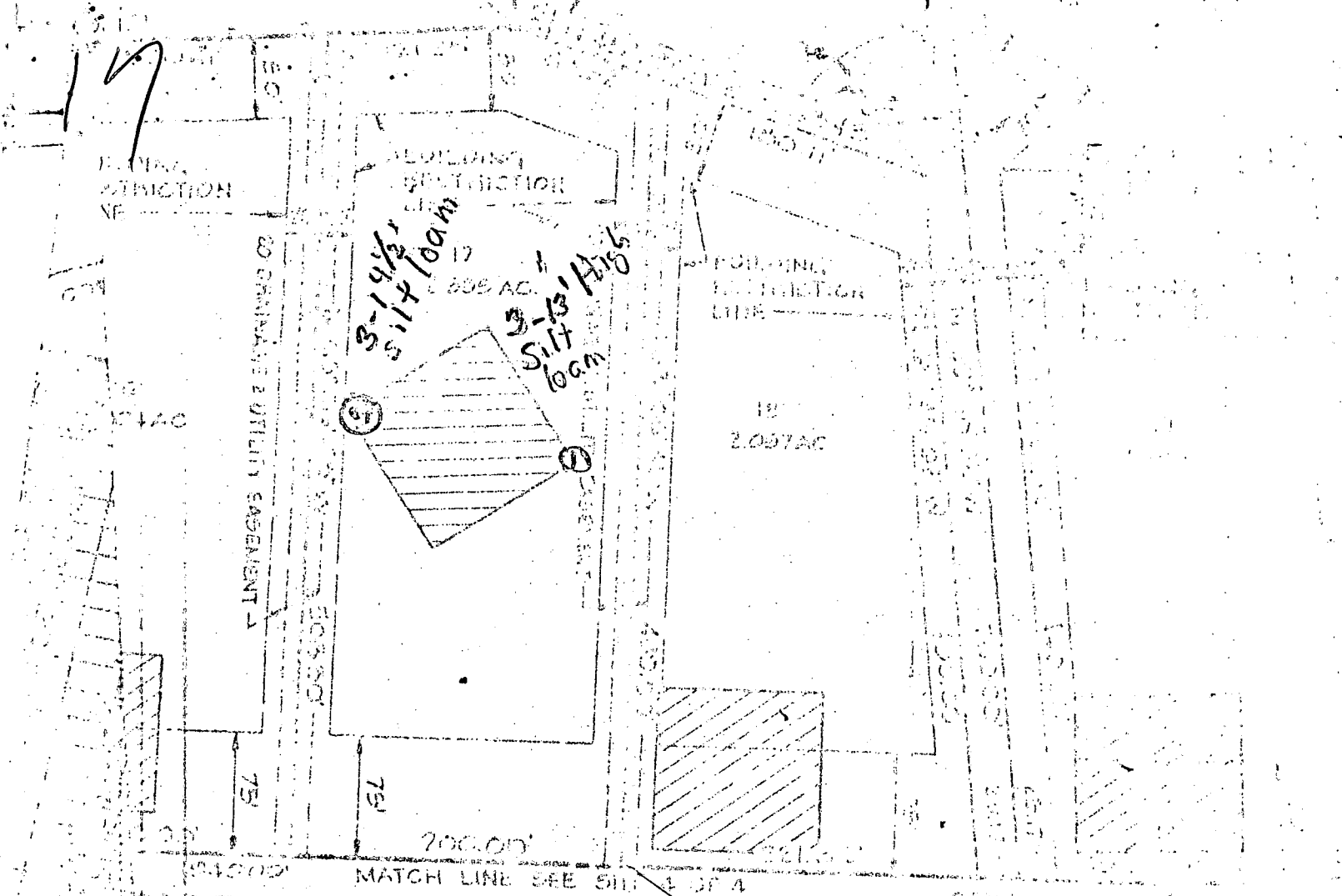
TITLE GRADING STUDY			
PROJECT FRIENDSHIP MANOR - SECTION 2 - LOT 17			
LOCATION THIRD ELECTION DISTRICT - HOWARD COUNTY, MARYLAND			
DATE: AUGUST, 1978	DESIGN BY: WHN	DRAWN BY: DHH	CHECKED BY: WHN
SCALE: 1" = 100'	JOB NO.: 78205	DRAWING NO.: 1 of 1	

boender associates

engineers  
 surveyors  
 planners

P&S BALTIMORE 10 8188 ALBANY 1-77 MCR385

17



### OWNERS STATEMENT

I, A MARYLAND CORPORATION BY G. ALBERT SCHREIBER, OWNER OF THE PROPERTY SHOWN AND DEEPIED HEREON, AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAN TO ESTABLISH THE MINIMUM BUILDING RESTRICTION LINE, I, THE SUCCESSIONS AND ASSIGNS (1) THE RIGHT TO LAY, DRAIN, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND (2) THE RIGHT OF WAYS AND THE SPECIFIC EASEMENT AREAS, I HEREBY GRANT TO THE CITY OF BALTIMORE, MARYLAND, AS AN EASEMENT, FOR ONE DOLLAR CONSIDERATION, IN FULLY GRANT COUNTY TO ACQUIRE THE EASEMENT TITLE TO THE BELLS OF LOCAL PLAINS AND OPEN SPACE WHERE APPLICABLE, SO THAT NO OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID AREAS SHOWN HEREON AND THE RESPONSIBILITY FOR THE MAINTENANCE AND REPAIRS OF THE SAID AREAS AND ASSIGNS.

WITNESSED AND SIGNED BY ME ON THIS 10TH DAY OF OCTOBER, 1977

### SUPERVISOR

THE CITY SUPERVISOR HAS REVIEWED THE ABOVE DESCRIBED PLAN AND APPROVES THE SAME AS SHOWN AND RECORDED AND AS SHOWN IN THE RECORDS OF THE CITY OF BALTIMORE, MARYLAND, AS AN EASEMENT.

WILLIAM G. HARRIS, PL. S.

BLDG. PERMIT SIGNED AND RETURNED 10/3/78  
Serial No. 36999

\_\_\_\_\_  
WITNESSED

<b>B 1</b>	<b>4432</b>	<small>SEQUENCE NO. (WRA USE ONLY)</small>	<b>STATE OF MARYLAND</b> <b>WATER RESOURCES ADMINISTRATION</b> <b>TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b>	<b>WRA PERMIT NUMBER</b> <b>HO-73-2960</b> <b>FILL IN THIS FORM COMPLETELY</b>
------------	-------------	--------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------

<small>DATE RECEIVED (WRA USE ONLY)</small> <b>9/27/78</b> <b>9:30 A.M.</b>	<small>OWNER</small> <b>Chateau Builders</b> <small>COL 15 LAST NAME</small> <span style="float:right;"><small>FIRST NAME</small> <b>COL. 34</b></span>
	<small>STREET OR RFD</small> <b>8654 Balt. Hill side</b> <small>COL 36</small> <span style="float:right;"><small>COL. 55</small></span>
	<small>POST OFFICE</small> <b>Ellicott City, Md.</b> <small>COL 57</small> <span style="float:right;"><small>COL. 76</small></span>

<b>B 1</b>	<b>CONTINUED</b>	<b>DRILLER INFORMATION</b>
<small>1 2 3 (SEQ. NO.) 6</small>		
<small>DATE</small>	<b>9/25/78</b>	<small>LICENSE NUMBER</small> <b>40</b>
<small>FIRST NAME</small>	<b>W. F. Pasterday</b>	<small>LAST NAME</small>
<small>SIGNATURE</small>	<b>W. F. Pasterday</b>	

<b>B 3</b>	<b>LOCATION OF WELL</b>
<small>1 2 3 (SEQ. NO.) 6</small>	
<small>COUNTY</small>	<b>Howard</b> <small>(DO NOT ABBREVIATE COUNTY NAME)</small> <b>21</b>
<small>SUBDIVISION</small>	<b>Friendship Manor</b> <b>42</b>
<small>SECTION</small>	<b>17</b> <b>50</b>
<small>NEAREST TOWN</small>	<b>West Friendship</b> <b>71</b>
<small>MILES FROM TOWN (ENTER 0 IF IN TOWN)</small>	<b>0</b> <b>MI</b>

<b>B 2</b>	<b>WELL INFORMATION</b>
<small>1 2 3 (SEQ. NO.) 6</small>	
<small>MAXIMUM PUMPING RATE (GALLONS PER MINUTE)</small>	<b>5</b> <b>12</b>
<small>AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY)</small>	<b>600</b> <b>20</b>
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b>	
<input checked="" type="checkbox"/> <b>D</b>	<small>HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)</small>
<input type="checkbox"/> <b>F</b>	<small>FARMING, AGRICULTURE, IRRIGATION</small>
<input type="checkbox"/> <b>I</b>	<small>INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.</small>
<input type="checkbox"/> <b>M</b>	<small>MUNICIPAL WATER SUPPLY</small>
<input type="checkbox"/> <b>P</b>	<small>PRIVATE WATER COMPANY</small>
<input type="checkbox"/> <b>T</b>	<small>TEST</small>
<small>MUST HAVE STATE HEALTH DEPT. APPROVAL</small>	

<b>B 4</b>	<b>DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)</b>			
<small>1 2 3 (SEQ. NO.) 6</small>				
<input type="checkbox"/> <b>N</b>	<input type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>NE</b>	<input checked="" type="checkbox"/> <b>SE</b>	
<input type="checkbox"/> <b>S</b>	<input type="checkbox"/> <b>W</b>	<input type="checkbox"/> <b>NW</b>	<input type="checkbox"/> <b>SW</b>	
<small>NEAR WHAT ROAD</small>	<b>RT 144</b>			
<small>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</small>	<input type="checkbox"/> <b>N</b>	<input checked="" type="checkbox"/> <b>S</b>	<input type="checkbox"/> <b>E</b>	<input type="checkbox"/> <b>W</b>
<small>DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX)</small>	<b>400</b> <b>MI</b>			

<small>APPROXIMATE DEPTH OF WELL</small>	<b>150</b> <b>FEET</b>
<small>APPROXIMATE DIAMETER OF WELL</small>	<b>6</b> <small>(NEAREST INCH)</small>

<b>METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)</b>		
<input checked="" type="checkbox"/> <b>AIR-ROTARY</b>	<input type="checkbox"/> <b>AIR-PERCUSSION</b>	<input type="checkbox"/> <b>ROTARY (HYDRAULIC ROTARY)</b>
<input type="checkbox"/> <b>CABLE</b>	<input type="checkbox"/> <b>REVERSE-ROTARY</b>	<input type="checkbox"/> <b>DRIVE-POINT</b>
<small>OTHER (DESCRIBE)</small>		

<b>REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)</b>	
<input checked="" type="checkbox"/> <b>N</b>	<small>THIS WELL WILL NOT REPLACE AN EXISTING WELL</small>
<input type="checkbox"/> <b>Y</b>	<small>THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</small>
<input type="checkbox"/> <b>S</b>	<small>THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY</small>
<input type="checkbox"/> <b>D</b>	<small>THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)</small>

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

**N** ↑

**69' CASING**  
**2' ABOVE GR**  
**40' OPEN HOLE**  
**16 - BAGS CEMENT**

**OK**  
**9/27/78**

<b>NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)</b>	
<small>APPROPRIATION PERMIT NUMBER</small>	<small>ENGINEER REVIEW DISTRICT NO.</small>
<b>54</b>	<b>63</b>
<small>FORCE</small>	<small>CONDITIONS</small>
<b>67 68</b>	<b>70 71 72 73 74 75 76 77 78 79</b>

<small>BOX NUMBER</small>	<b>810</b>	<b>530</b>	<b>0/5</b>	<b>5/5</b>
<small>NORTH COORDINATE</small>	<b>50 51 52 53 54 55</b>			
<small>EAST COORDINATE</small>	<b>57 58 59 60 61 62 63</b>			
<small>ELEVATION AT WELL HEAD (FEET)</small>	<b>65 66 67 68</b>	<b>0/0</b>	<b>5/0</b>	

<b>B 4</b>	<b>CONTINUED</b>	<b>HEALTH DEPARTMENT APPROVAL</b>
<small>1 2 3 (SEQ. NO.) 6</small>		
<small>STATE HEALTH (CIRCLE BOX)</small>	<b>Howard</b>	<b>W28765</b>
<small>MO. DAY YR.</small>	<b>08 28 78</b>	<small>COUNTY NAME</small> <b>Howard</b> <small>COUNTY NO.</small>
<small>DATE</small>	<b>08 28 78</b>	
<small>APPROVED BY</small>	<b>Donald N. Monaghan, Sanitaria</b>	

<b>B 5</b>	<b>SPECIAL CONDITIONS 8-63 (WRA USE ONLY)</b>
<small>1 2 3 (SEQ. NO.) 6</small>	

C 1 2573  
 SEQ. NO. 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)  
 DATE RECEIVED (WRA USE ONLY) 9/28/78  
 DATE WELL COMPLETED

STATE OF MARYLAND  
 WATER RESOURCES ADMINISTRATION  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
 WELL COMPLETION REPORT  
 DEPTH OF WELL 120  
 (TO NEAREST FOOT)

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETED  
 COUNTY NUMBER  
 PERMIT NO. FROM "PERMIT TO DRILL WELL" FC-77-1900  
 28 29 30 31 32 33 34 35 36 37  
 DRILLERS IDENTIFICATION NO. 40

OWNER: CHAMBERLAIN Brothers  
 LAST NAME: CHAMBERLAIN FIRST NAME: JIMMY  
 STREET OR RFD: 8654 BALTO. NATIONAL PIKE POST OFFICE: ELICOTT CITY

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
topsoil	0	2	
shale part	2	50	
sandstone	50	65	
mica	65	75	
sandstone	75	80	
mica	80	90	
openings	90	91	
shale part	91	120	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)  
 CEMENT  BENTONITE CLAY

NO. OF BAGS 16 NO. OF POUNDS 1600  
 GALLONS OF WATER 80  
 DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 0 FT. TO 40 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW  
 S T STEEL  C O CONCRETE  
 P L PLASTIC  O T OTHER

MAIN CASING TYPE  S T NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 69

OTHER CASING (IF USED)

DIAMETER (INCH) FROM TO  
 DEPTH (FEET) FROM TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE  
 S T STEEL  B R BRASS OR BRONZE  H O OPEN-HOLE  
 P L PLASTIC  O T OTHER

C 2

DEPTH (NEAREST WHOLE FOOT)  
 FROM 67 TO 120  
 EACH SCREEN

CIRCLE APPROPRIATE BOXES:

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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME: George S. Eastman  
 SIGNATURE: George S. Eastman

DIAMETER OF SCREEN 56 (NEAREST INCH)  
 FROM TO  
 GRAVEL PACK  
 IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX  F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 TELESCOPE CASING 70 LOG INDICATOR 72 OTHER DATA AVAILABLE 74 75 76

C 3

PUMPING TEST

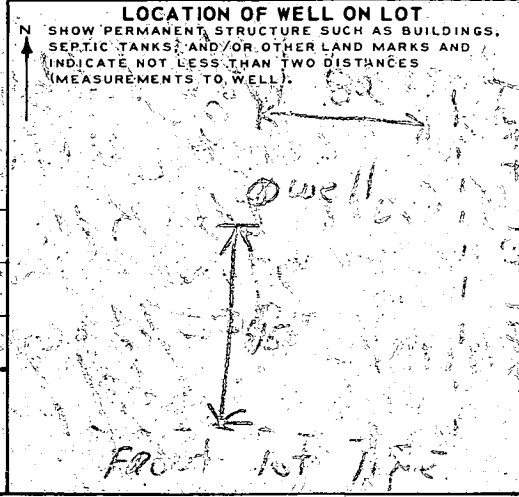
HOURS PUMPED (TO NEAREST HOUR) 2  
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 15  
 METHOD USED TO MEASURE PUMPING RATE: bucket  
 WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 40 (NEAREST FOOT)  
 WHEN PUMPING 130 (NEAREST FOOT)  
 TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)  
 A AIR  P PISTON  T TURBINE  
 C CENTRIFUGAL  R ROTARY  O OTHER (DESCRIBE BELOW)  
 J JET  S SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)  
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES  NO

CAPACITY:  
 GALLONS PER MINUTE (TO NEAREST GALLON) 31 35  
 PUMP HORSE POWER 37 41  
 PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)  
 + ABOVE LAND SURFACE  
 - BELOW 2 (NEAREST FOOT)



7/17/79<sup>AM</sup> - DITCH #2 - 1st SECTION  
IS 2 FT WIDE 6 FT DEEP & 14 FT LONG  
NEXT SECTION IS 19 FT LONG, 5 FT  
WIDE & 6 FT DEEP. ADD STONE TO  
DITCH

7/17/79 - 3 FT OF STONE TO 4 FT STONE  
ADDED TO DITCH SYSTEM OK

200

291  
56  
12

RECEIVED  
NOV 19 02 AM '79  
HOWARD COUNTY  
HEALTH DEPT.  
ELLSWORTH, CLERMONT, MD.

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