

INSTALLED BUT NOT APPROVED

8/6/79 9/4/79

9/4/79

7/20/79
partially
ready to go

PERMIT

P 30002
A 25075

SEWAGE DISPOSAL SYSTEM MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

04-338723

ELLICOTT CITY
DISTRICT 4th

DATE 7/18/79

#97

INDEXED

Olen Ketterman IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

SUBDIVISION Justifiable ROAD 14960 Frederick Road LOT 9

PROPERTY OWNER Olen Ketterman

ADDRESS 6119 Jerry's Drive, Columbia, Md.

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS
DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.
DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.
SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 280 SQ. FT. in system.
INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE
EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.
LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN
FACING LOT FROM

TRENCHES-2 90 ft. long trenches to be spaced 15 ft. apart and follow contour of land.

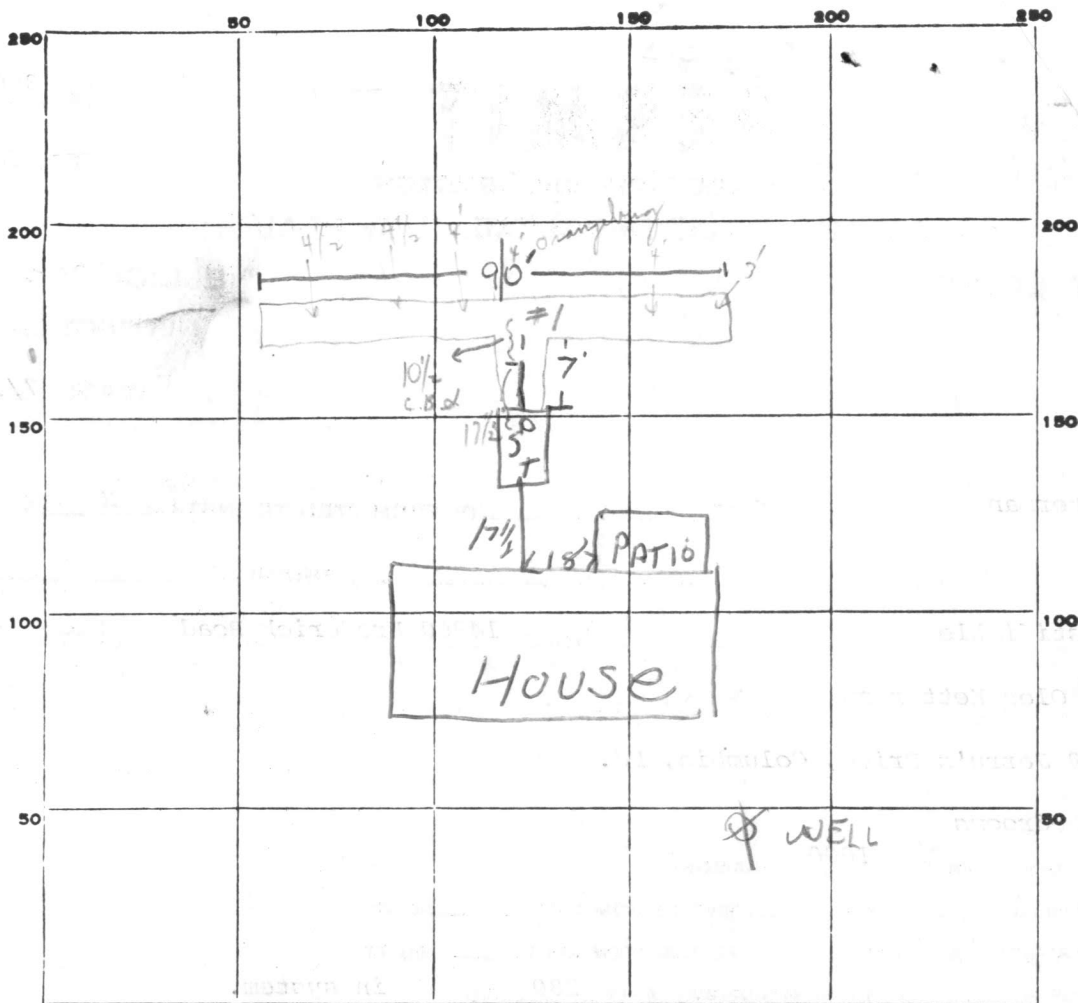
Inlet to be 5 ft. and maximum depth 10 ft. Trenches will be 2 ft. wide, 10 ft. deep, and contain 5 ft. of stone. Trenches to be located in area 140 ft. from the front line which is 260.00 ft. long and 112 ft. from sideline which is 636.57 ft. long.

PLANS APPROVED BY R. Hodges/D. Monaghan DATE 1/9/78

- 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.**

A 25075



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL ok

CLEANOUTS CAST IRON

DISTRIBUTION BOX, LEVEL Not seen

TILE FIELD, DEPTH 10' FT. TRENCH WIDTH 4' FT.

GRAVEL DEPTH 15' + IN. TOTAL LENGTH (90') (#1) (#2) FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 7/29/79 OK to cover from house to & including 3/4 of trench
8-6-79 OK TO ADD GRAVEL TO TRENCH. CALL WHEN READY, ONLY
ONE TRENCH 90' LONG 4' (P) on depth of trench, Paper on from
3' to 4 1/2' of surface. stop all work - hold for supervisor
left record book with P.V.M. - check with Mr. Kettner
at Payne tract.

DATE SYSTEM APPROVED _____

INSPECTOR _____

Rr. 144 -> Cookeville

APPLICATION

A 25075

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 4th

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 12/28/76

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 Gladys McDermott Olen L. Ketterman
ADDRESS 6119 Ferris Drive Columbia, Md. 997-8740
Old Frederick Road Cooksville, Maryland PHONE _____

PROPERTY LOCATION: new lot 9
SUBDIVISION Justifiable LOT NO. 10

ROAD AND DESCRIPTION 14960 Frederick Road
Route 144 BLDG. PERMIT SIGNED AND RETURNED 3/2/79
Serial No. 38437

SIZE OF LOT 3 acre TYPE BLDG. 3 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 H Thomas Jones 747-1283

APPROVED BY Raymond Hodger FOR DW & Ditch DATE 1/9/78
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1/9/78 Final plat signed 10/18/77

THIS IS NOT A PERMIT



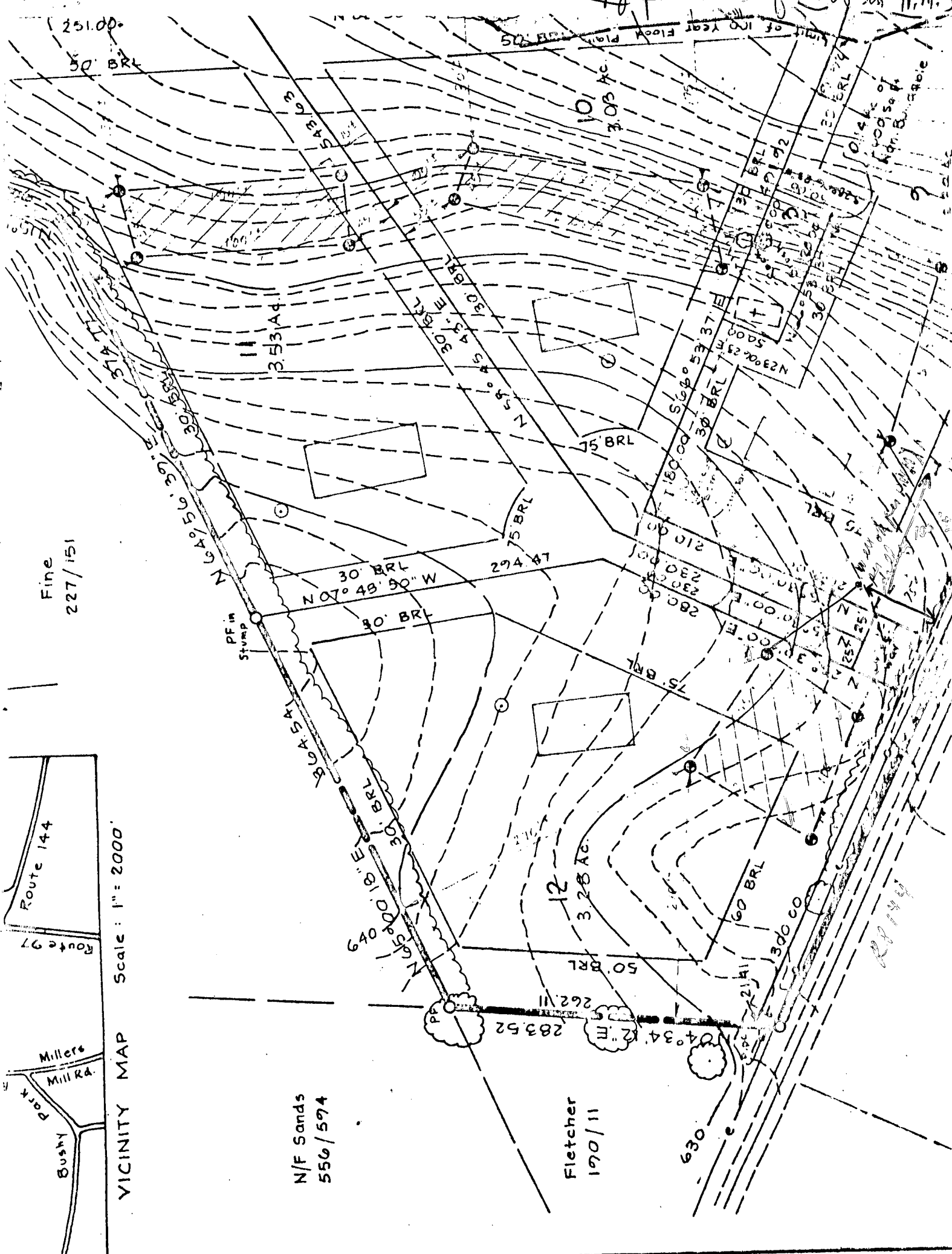
INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

①
 0 -
 1 day
 5-6 -
 1 less day
 13 -
 1 day
 → 10/1/4/1 →

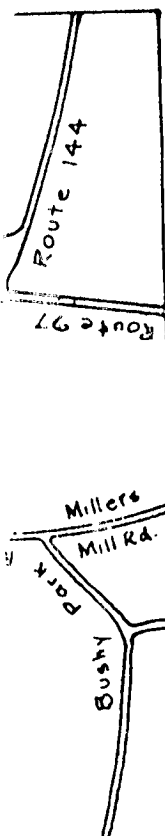
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12 May 77	1	5	4 19	4 30	4 30	4 56	26
		13		4 27	4 27	4 55	28
	2	5	3 25	3 36	3 36	3 56	20
		13	3 25	3 34	3 34	3 58	22
	3	13	vis	dry			
	4	4	4 26	4 32	4 32	4 48	16
		13		4 39	4 39	4 59	18

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY M _____ ALSO PRESENT: _____

C.B. J. got
copy of Preliminary Plat in A.M. 2/27/79



Fine
227/151



VICINITY MAP Scale: 1" = 2000'

N/F Sands
556/574

Fletcher
170/11

227/149

C 1 5921
 1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY)
 DATE WELL COMPLETED Feb 27 1979

8-13 15 20

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
 LAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

DEPTH OF WELL 185
 22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"
HO-83-3155
 28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 273

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER W29460

OWNER KETTERMAN LAST NAME LEE FIRST NAME
 STREET OR RFD 6119 JERRYS DR. POST OFFICE Columbia Md

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	
Top Soil	0	2	
Sandy	2	55	
Sand Stone	55	70	✓
Micka	70	80	
Sand Stone	80	85	✓
Micka	85	185	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
 CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 32 NO. OF POUNDS 3200

GALLONS OF WATER 192

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 60 PLUS FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL ST CONCRETE CO
 PLASTIC PL OTHER OT

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 71

OTHER CASING (IF USED)

DIA	DEPTH	DEPTH
(INCH)	FROM	TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL ST BRASS OR BRONZE BR OPEN-HOLE HO
 PLASTIC PL OTHER OT

DEPTH (NEAREST WHOLE FOOT)

FROM 1.9 TO 185

EACH SCREEN

1	8	9	11	15	17	21
2						
3						

SLOT SIZE 1, 2, 3

DIAMETER OF SCREEN 56 (NEAREST INCH)
 FROM 56 TO 60

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING T LOG INDICATOR W Q OTHER DATA AVAILABLE 74 75 76

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 8

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 10

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 50 (NEAREST FOOT)
 WHEN PUMPING 185 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX)

AIR AIR PISTON PISTON TURBINE TURBINE
 CENTRIFUGAL CENTRIFUGAL ROTARY ROTARY OTHER (DESCRIBE BELOW) OTHER
 JET JET SUBMERSIBLE 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) Y N

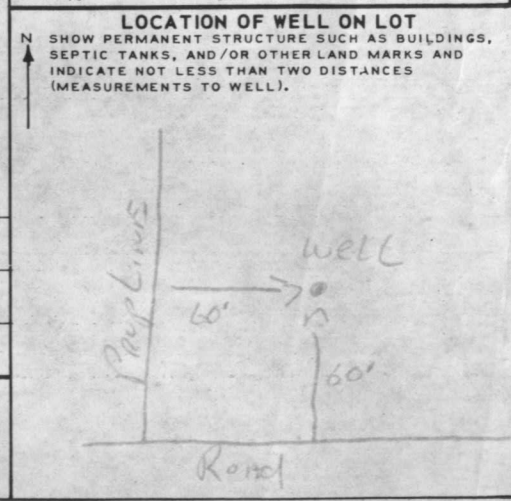
CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE ABOVE LAND SURFACE (NEAREST FOOT) 2
 BELOW BELOW



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 Ralph MAYNE

SIGNATURE Ralph Mayne

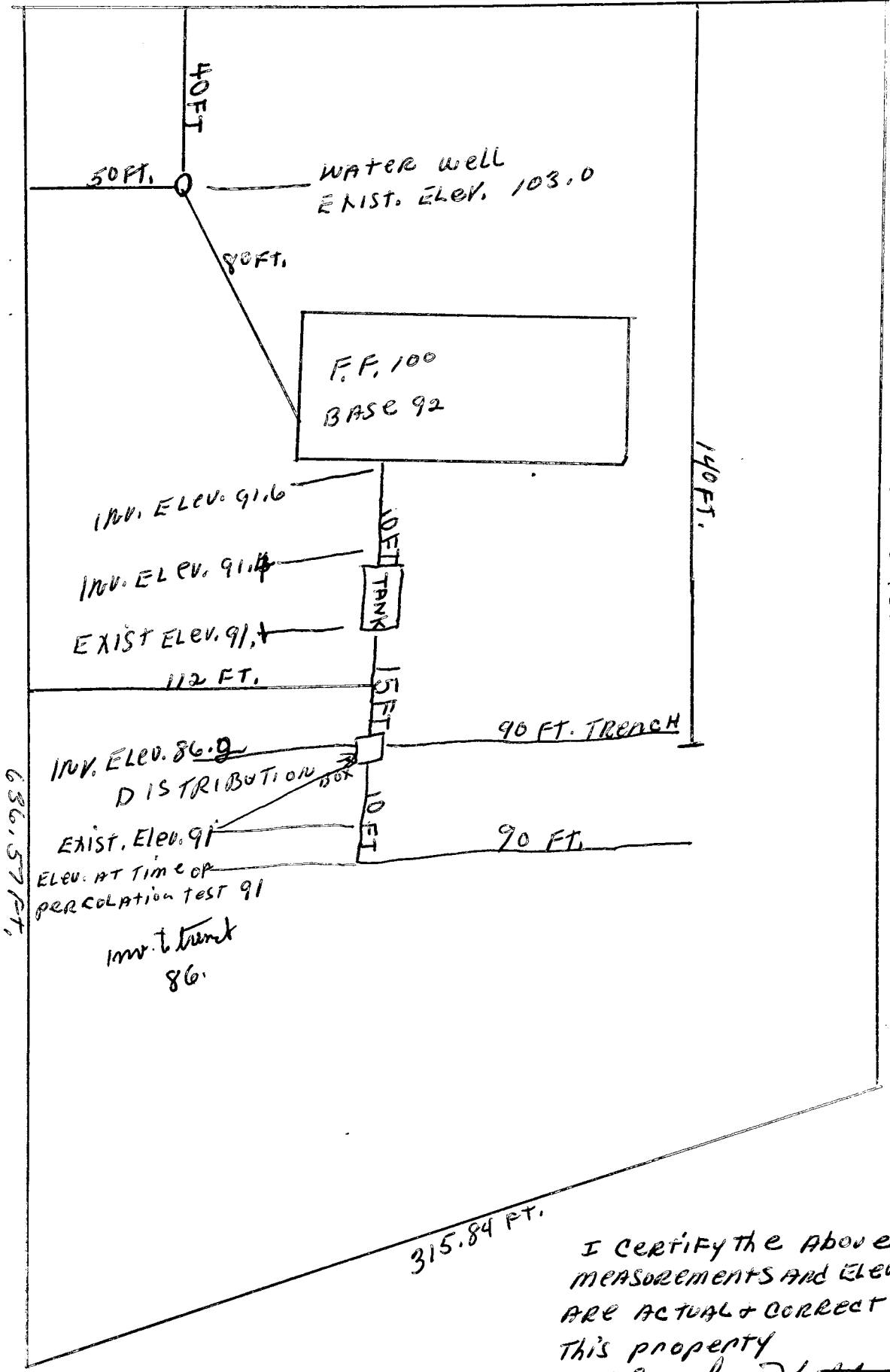
RECEIVED

MAR 5 9 58 AM '70

HOWARD COUNTY
HEALTH DEPT.
ELLCOTT CITY, MD.

<p>GENERAL RECORD</p> <p>DATE: _____</p> <p>TIME: _____</p> <p>BY: _____</p>	<p>GENERAL RECORD</p> <p>DATE: _____</p> <p>TIME: _____</p> <p>BY: _____</p>	<p>GENERAL RECORD</p> <p>DATE: _____</p> <p>TIME: _____</p> <p>BY: _____</p>
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360.00 FT.



140 FT.

491.92 FT.

636.57 FT.

INV. T. TRENCH 86.

315.84 FT.

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROPERTY

Signed: Oler Lee Ketterman