

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

P 43099

A 31296

DISTRICT 4th

DATE 7/13/87

DATE SYSTEM APPROVED 7/8/88

INSPECTOR RH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

04-334884

Dave Hopkins & Son IS PERMITTED TO INSTALL  ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland PHONE 831-7257

SUBDIVISION Stanley Miller Property ROAD 16453 Frederick Rd LOT 7

PROPERTY OWNER James Haker

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

DRYWELL - 150 sq. ft. per bedroom. Inlet 3 1/2 feet below original grade. Bottom maximum depth 9 1/2 feet below original grade. Effective area begins at 3 1/2 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 drywell and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as drywell, with 6 feet of stone below distribution pipe.

LOCATION - Place drywell 125 feet from the front lot line and 150 feet from the left lot line as seen when facing the property from Route 144.

NOTE - Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell. ok/cw

PLANS APPROVED BY Craig Williams DATE 7/13/87

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.

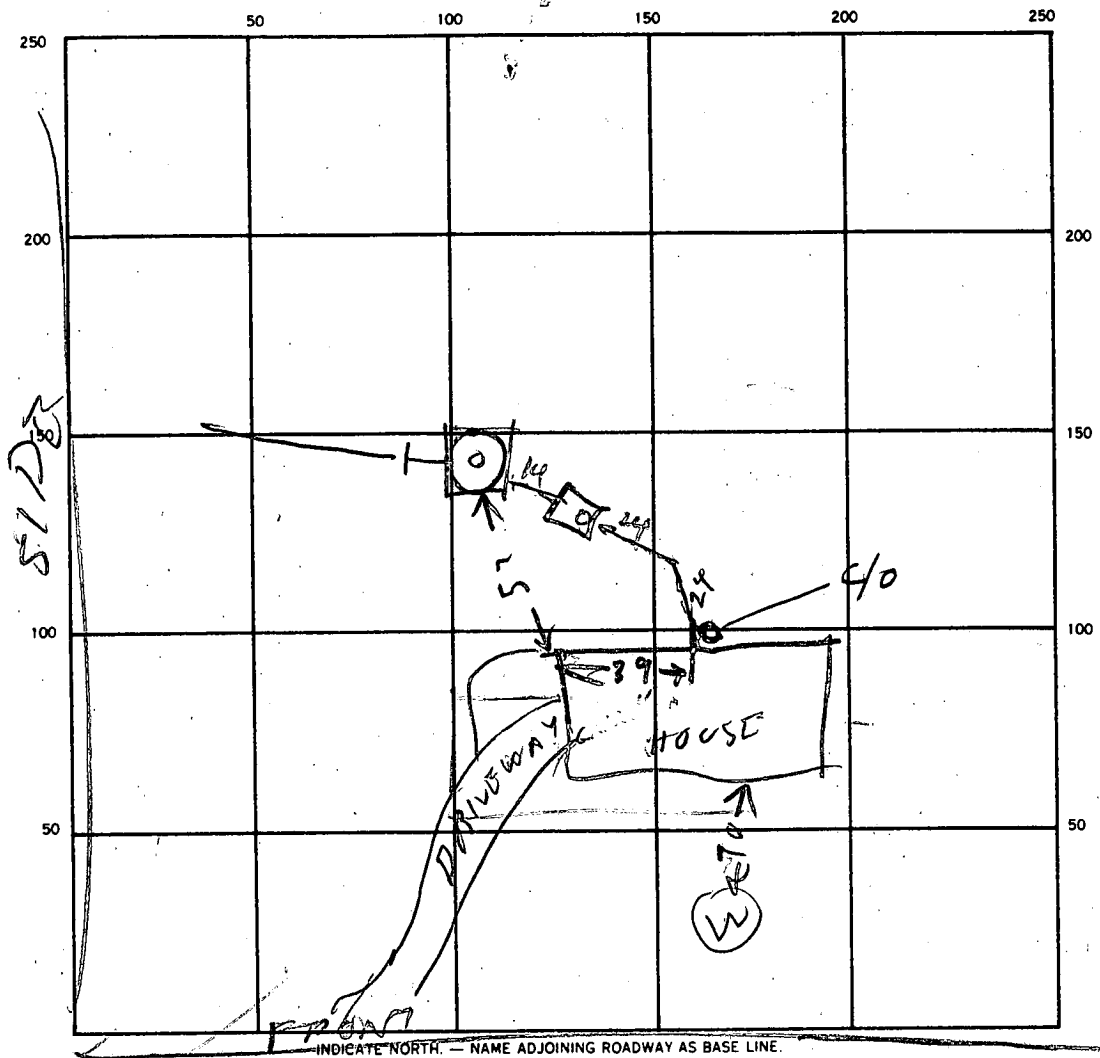
BLDG. PERMIT SIGNED  
AND RETURNED 7/14/87  
Serial # 44678 Inground Prod

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

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

EH - 2-1186

A  
31296



48  
 208

5  
 6

SEPTIC TANK. LEVEL 1250 CLEANOUTS 

ST	DW	HS
NO	OK	OK

DISTRIBUTION BOX. LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD. DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 6 FT. TOTAL LENGTH 48ft FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 282 SQ. FT.

DRYWELL INSIDE DIAMETER 55 FT. EFFECTIVE DEPTH BELOW INLET 6 FT. 9 FT BELOW GRADE

ABSORBENT AREA 330 SQ. FT.

REMARKS 7/8/99 - LOCATION OK PER ALAF FINISH

1. DW, DFB TRENCH, HOOKUP PIPE, RH

7/8/88 3:30 PM TRENCH DUG & PIPES CONNECTED

330 + 282 = 612 SQ FT COMBINED TRENCH & DW

600 SQ FT RE PAVED

DATE SYSTEM APPROVED 9/8/88 INSPECTOR Raymond Hodger

STANLEY MILLER PROPERTY

A 31296

SUBDIVISION: ROUTE 144 (JOHN HALE)

LOT NUMBER: 7

DRY WELL OR DRY WELL AND TRENCH

150 sq. ft./bedroom

62  
- 300

Septic Tank

Minimum Total square Feet

3 bedroom 1000 gallon

4 bedroom 1250 gallon

5 bedroom 1500 gallon



Inlet 3 1/2 feet below original grade.

Bottom maximum depth 9 1/2 feet below original grade.

Effective area begins at 3 1/2 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 6 feet of stone below distribution pipe.

TRENCHES

190 sq. ft./bedroom

Trench to be 2 wide.

Inlet 3.5 feet below original grade.

Bottom maximum depth 9.0 feet below original grade.

Effective area begins at 3.5 feet below original grade.

5.5 feet of stone below distribution pipe.

4- No.

- 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 absorbant sidewall area by 22%.

LOCATION: PLACE DRY WELL 125' FROM THE  
FRONT LOT LINE AND 150' FROM THE LEFT LOT LINE  
AS SEEN WHEN FACING THE PROPERTY FROM ROUTE 144,

TO THE

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# APPLICATION

*Per*  
4/13/81  
1:20 P.M.  
(PERCED IN P.M.)

A 31296

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

Septic Tank { 1-3 Bedroom 1000 gallons  
4 Bedroom 1250 gallons  
DISTRICT 406  
DATE 4/12/81

*Hold for certified holes*

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 Mr. James Hale James HALE → 831-7016

ADDRESS 19120 Windsor Forest Rd PHONE 831-7612  
4/23/81

PROPERTY LOCATION: MA. Ave, Md. 21791 4/13/81 { CALLED ANSWERING SERVICE RECEIVED MESSAGE - MR. HALE }

SUBDIVISION \_\_\_\_\_ LOT NO. 7 TO CALL BACK - NEED ADDRESS!!

ROAD AND DESCRIPTION At 70 to 94 turn left. to 144 right turn go about 1/2 mile on left hand side of the road 16453 FREDERICK Rd.

SIZE OF LOT: 6.15 acres TYPE BLDG. 307 4  
(NUMBER OF BEDROOMS)

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. Called David Arnold on 4/14/81 795-7873  
(SIGNATURE OF APPLICANT) Hold for return call on address of Holes

TENTATIVELY APPROVED BY C. B. Stecker FOR Dry Well + 67 trenches DATE 4/13/81

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

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

REASONS FOR REJECTION OR HOLDING 4/13/81 FOR CERTIFIED HOLES; HOUSE +

WATER WELL SITE. DRYWELL IF USE PERC. HOLE (5+6)

TRENCHES OTHER WISE. NEED TO SEND CERTIFIED HOLE MEMO.!!  
NEED ADDRESS OF HALE

BLDG. PERMIT SIGNED C.B.S.  
AND RETURNED 4/13/81

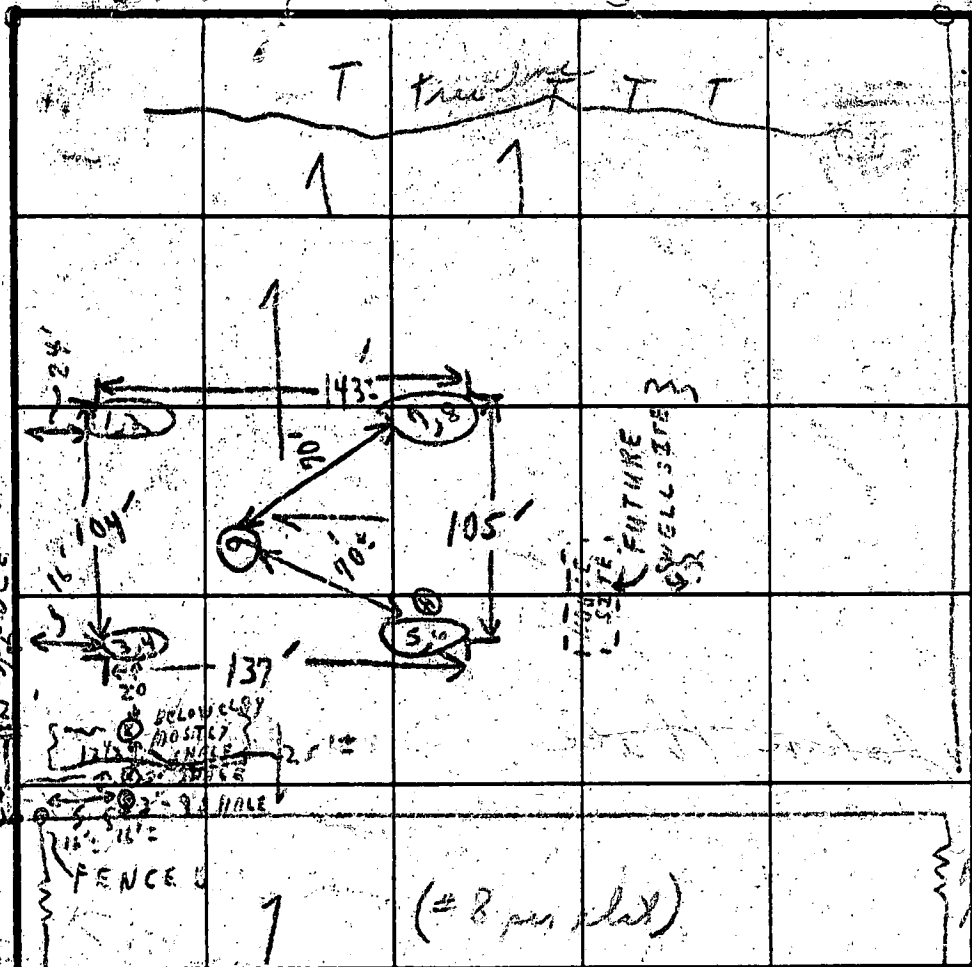
# THIS IS NOT A PERMIT

*RP # 2780  
Stwe*

#7

SOIL PROFILE

SEE EACH HOLE BELOW



FIELD SHEET

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

R 744

SOIL PROFILE	DATE	TEST NO.	DEPTH	PRE-WET		TEST 1' DROP		TIME
				START	STOP	START	STOP	
1' - 4 1/2" CLAY	4/13/60	1	4 1/2'	11:02	11:04	11:04	11:07	3 min
4 1/2" COARSE SAND		① 2	10'	11:03	11:08	11:08	11:22	14 min
1' - 4 1/2" clay		3	4'	11:11	11:15	11:15	11:28	13 min
4 1/2" COARSE SAND		① 4	10'	11:11	11:13	11:13	11:18	5 min
1' - 3 1/2" CLAY		5	3 1/2'	11:26	11:29	11:29	11:36	7 min
3 1/2" LOAM		① 6	10'	11:29	11:29	11:29	11:37	8 min
1' - 3" CLAY		7	3 1/2'	12:03	12:05	12:05	12:10	5 min
3" LOAM		① 8	10'	12:02	12:04	12:04	12:08	4 min
8" WEATHERED SHALE		9	(13'	Visual		1' - 4" CLAY		
						9" - 13" WEATHERED SHALE		

Soil 3 1/2' Maximum depth of dry well 10' below 0. C. B. S.

HIGH GRASS

HOLD FOR WHOLE CERTIFICATION

REMARKS

(TESTS IN OPEN FIELD)

{NOTE PLAT LOT LINES NOT CLEAR IN DIM ENDS}

TYPE OF SOIL

TESTED BY

C. B. S.

ALSO PRESENT

S. ARNOLD & ASS'T.

EHF-12-1079

*P. 12/1*

# APPLICATION

A 3/296

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

*(PERCED IN A.M.)*

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 4th

DATE 4/2/81

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

*John Hall*

ADDRESS

PHONE

831-7612

PROPERTY LOCATION

SUBDIVISION

LOT NO.

7

ROAD AND DESCRIPTION

*Rt 70 to 94 turn left to 144 right turn go about  
1/2 mile on left hand side of the road*

SIZE OF LOT

6.15 acres

TYPE BLDG.

309 9

(NUMBER OF BEDROOMS)

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.

*David Arnold*

(SIGNATURE OF APPLICANT)

TENTATIVELY APPROVED BY

*C. B. W. [Signature]*

FOR

*Dry Well 1/07  
[Signature]*

DATE

4/13/81

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

4/13/81 FOR CERTIFIED HOLES, HOUSE

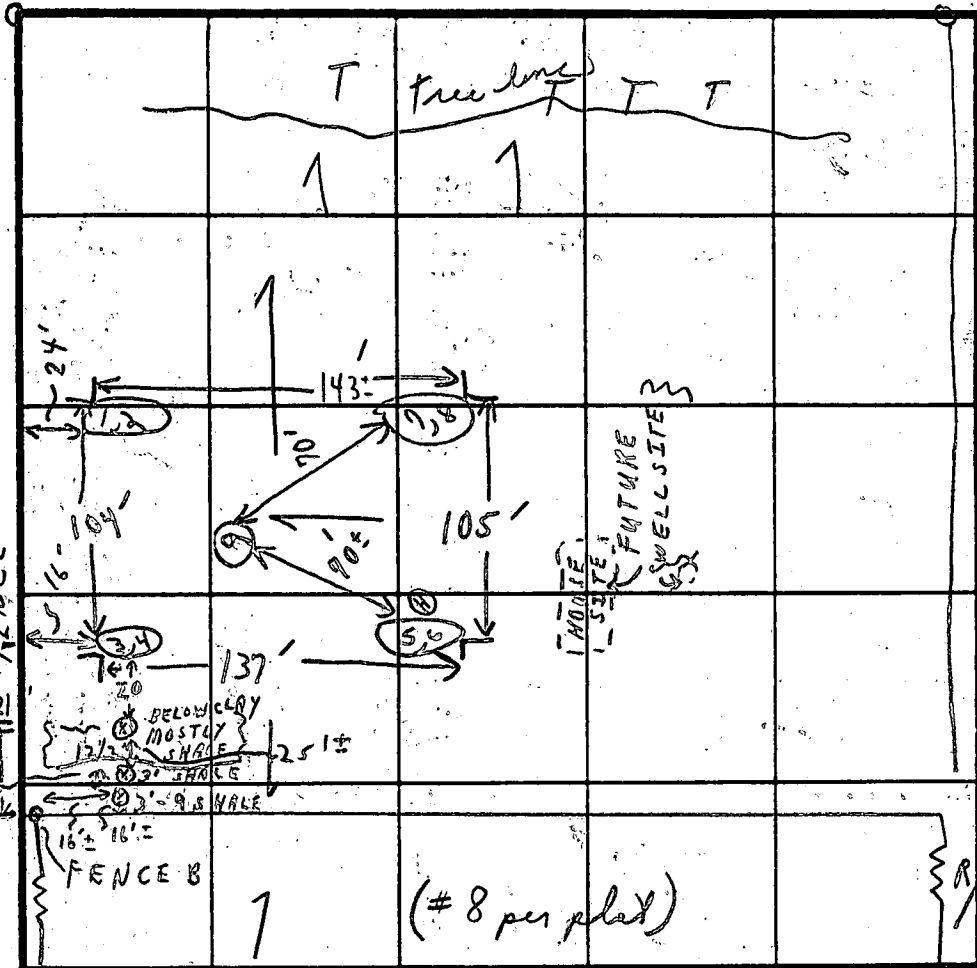
WATER WELL SITE. C.B. DRYWELL IF USE PERC. HOLE (5+6)

# THIS IS NOT A PERMIT

#7

SOIL PROFILE

SEE EACH HOLE BELOW



FIELD SHEET

LISBON

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RX 144

SOIL PROFILE	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
				START	STOP	START	STOP	
1' - 4 1/2" CLAY MOSTLY WEATHERED SHALE TO 13'	4/13/81	1	4 1/2'	11:02	11:04	11:04	11:07	3m
4 1/2" CLAY WEATHERED SHALE TO 13'		2	10'	11:03	11:08	11:08	11:22	14m
		3	4'	11:11	11:15	11:15	11:28	13m
1' - 4" CLAY 4 1/2" CLAY WEATHERED TO 13-3'		4	10'	11:11	11:13	11:13	11:18	5m
		5	3 1/2'	11:26	11:29	11:29	11:36	7m
1' - 3 1/2" CLAY 3 1/2" MOSTLY CLAY WEATHERED 13' SHALE		6	10'	11:27	11:29	11:29	11:37	8m
		7	3 1/2'	12:03	12:05	12:05	12:10	5m
1' - 3" CLAY 3" CLAY & LOAM 8' WEATHERED SHALES TO 13'		8	10'	12:02	12:04	12:04	12:08	4m
		9	13'	Visual		1' - 4" CLAY 4 1/2" - 13" WEATHERED SHALE SOME LOAM		
			"E" "O" "E"					

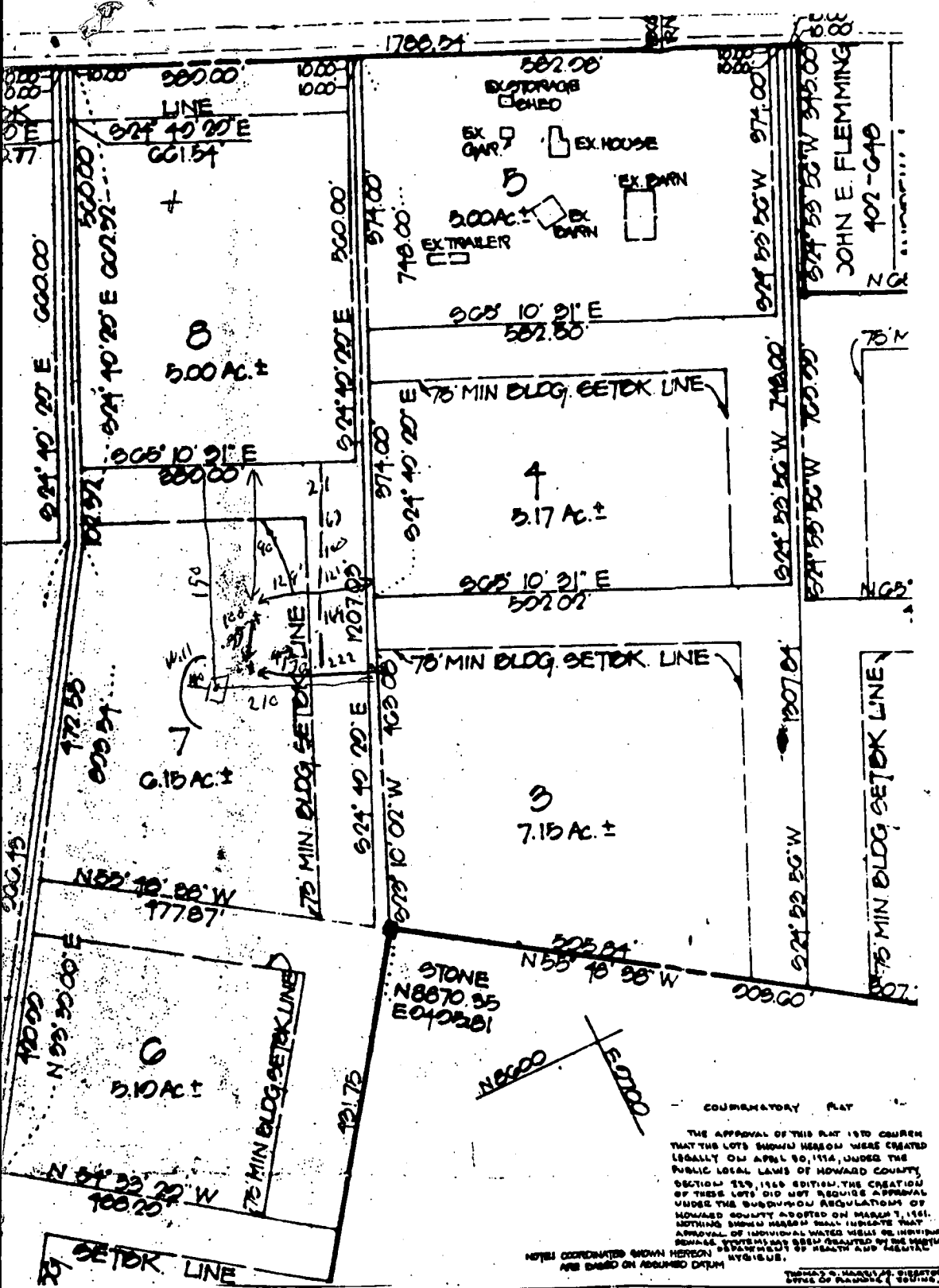
undr 3 1/2'  
Maximum  
depth of  
dig well  
10' below DC  
C.B.V.

REMARKS HIGH GRASS (TESTS IN OPEN FIELD) HOLD FOR( ) HOLE CERTIFICATION  
 { NOTE PLAT LOT LINES NOT CLEAR IN DIMENSION }

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

TESTED BY C.B.V. ALSO PRESENT { B. ARNOLD & ASS.T. }

EH-12-1079



A SUBDIVISION PLAT  
OF  
"STANLEY MILLER PROPERTY"  
ELECTION DISTRICT NO 4 HOWARD CO MARYLAND  
SCALE 1"=200' APRIL 22, 1977

OWNER (DEVELOPER):  
STANLEY D MILLER  
10995 FREDRICK RD  
WOODDINE, MARYLAND 21707  
444-4816

COMMEMORATORY PLAT  
THE APPROVAL OF THIS PLAT IS TO CORRECT THAT THE LOTS SHOWN HEREON WERE CREATED LEGALLY ON APRIL 30, 1974, UNDER THE PUBLIC LOCAL LAWS OF HOWARD COUNTY, SECTION 259, 1968 EDITION. THE CREATION OF THESE LOTS DID NOT REQUIRE APPROVAL UNDER THE SUBDIVISION REGULATIONS OF HOWARD COUNTY ADOPTED ON MARCH 7, 1961. NOTHING SHOWN HEREON SHALL INDICATE THAT APPROVAL OF INDIVIDUAL MATTERS OR INDIVIDUAL DEWASAL NOTICES HAS BEEN OBTAINED BY THE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

NOTES: COORDINATES SHOWN HEREON ARE BASED ON ASSUMED DATUM

**SURVEYOR'S & ENGINEER'S CERTIFICATE**  
I, William E. Hoffman, certify that the plan shown herein is correct, that it is a subdivision of part of the land which by deed dated August 10, 1974, was conveyed to the land owners of Howard County, Maryland in Liber 288 folio 437 and is correct and approved by the Board of Public Works and Planning of Howard County, Maryland, and is hereby certified to be correct and approved by me, the Surveyor and Engineer.

**OWNER'S CERTIFICATE**  
I, Stanley D. Miller, owner of the property shown and described herein, hereby certify that I have received the fee simple title to the land of the streets and/or ponds shown herein and in consideration of the approval of this plan by this office of planning and zoning in full compliance with all laws, ordinances, and regulations of the County of Howard, Maryland, and I hereby certify that I have received the approval of the Board of Public Works and Planning of Howard County, Maryland, and I hereby certify that I have received the approval of the Department of Health and Mental Hygiene of the State of Maryland.



PRESENT  
OWNER

John R. H2le  
19121 Windsor Forest Rd  
MT Airy, Md. 21771

JAMES - FAYE HAKER  
216 NEWBURN AVE  
CATONSVILLE, MD. 21228  
747-8301

ZONER

did have septic  
areas recorded

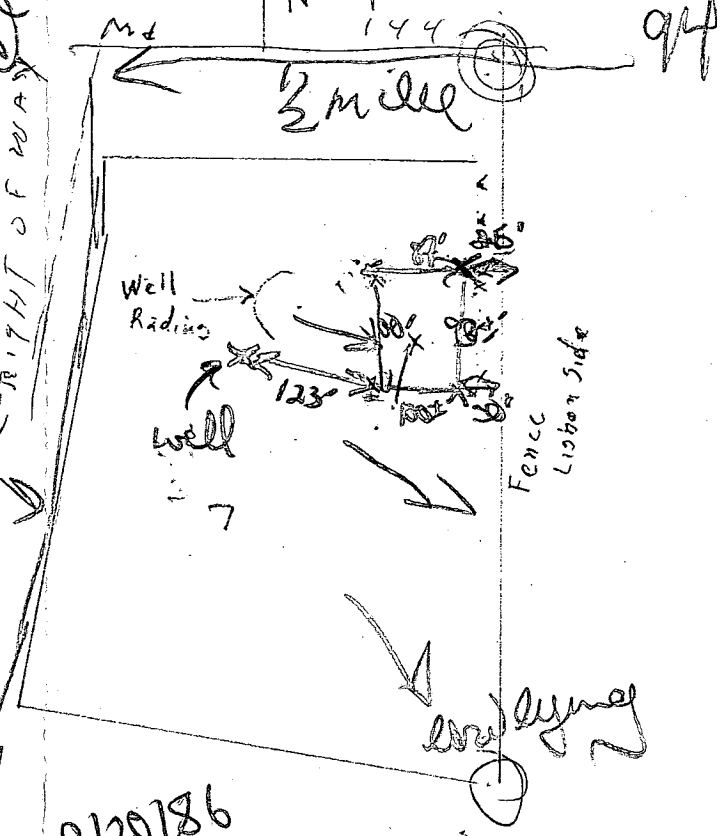
Stanley Miller Property  
4th Elec. District  
Lot 7. 6.105 A  
RT 144  
Lisbon, Md.

DIST. R4  
Map 007  
Grid 10  
Parcel 0467  
Liber 0767  
Folio 202

SCALE 200 TO 1

3-4 wks  
common  
Driveway

RIGHT OF WAY

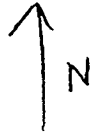


10/20/86  
found 4 iron  
poles with  
yellow flags  
seem to be  
septic demarkation  
well stake in  
+ OK relative  
to septic  
stake attached

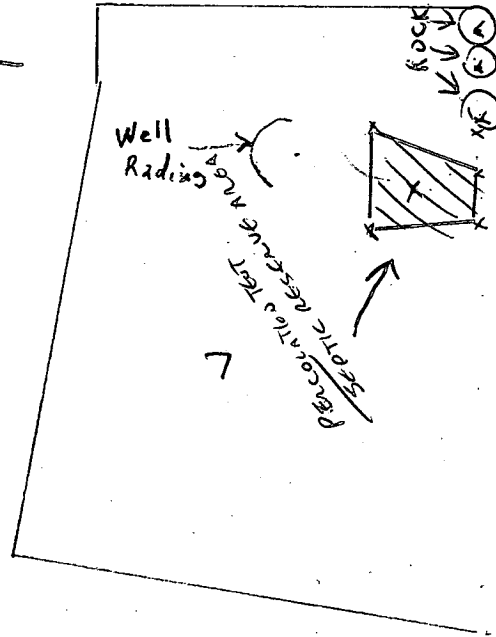
10/20/86  
Is staked according  
to owner  
Mrs Mayre indicated  
they could drill  
the 25th or 27th of Oct.

John R Hale  
19121 Windsor Forest Rd  
MT Airy Md 21771

hhi gner



1" = 200'



Fence  
Lisbon Side

PERCOLATION SKETCH OK  
9/25/86  
C. Williams

Stanley Miller Property  
4th Elec. District  
Lot 7. 6.105 A  
RT 144  
Lisbon Md.

Dist. R4  
Map 007  
Grid 10  
Parcel 0467  
Liber 0767  
Folio 202

383.00

95'

160'

122'

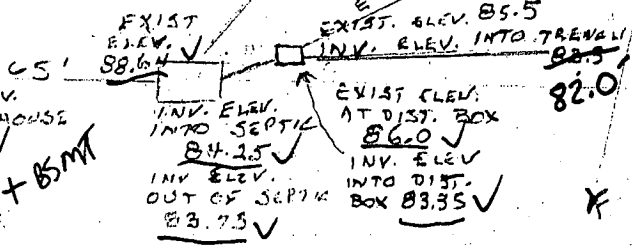
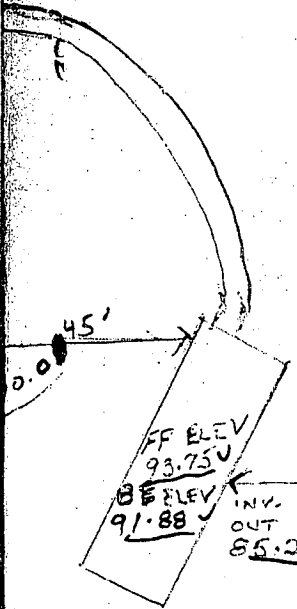
42'

240'

225'

157'

40'



MANHOLE TO GRADE REQUIRED

ELEVATIONS

- WELL 100.0
- FF DWELING 93.75
- BE " 91.88
- INV. OUT OF HOUSE 83.25
- EXIST. ELEV. AT SEPTIC 88.24
- INV. INTO SEPTIC 84.25
- INV. OUT OF SEPTIC 83.75
- EXIST. ELEV. DIST. BOX 86.0
- INV. ELEV. DIST. BOX 83.3
- EXIST. ELEV. TRENCH 85.5
- INV. ELEV. INTO TRENCH 83.30

7/13/87  
ELEVATIONS by  
S. Aul

524.40

FENCE LISBON SIDE

3.5-9.5  
130

BLDG. PERMIT SIGNED  
AND RETURNED 7-13-87

N S. Aul  
# 12780

B 1 **5280** SEQUENCE NO. (OEP USE ONLY)

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

**STATE OF MARYLAND PERMIT TO DRILL WELL**

please print or type

OEP PERMIT NUMBER

**HC-81-1724**

fill in this form completely

**Date Received**

**OWNER INFORMATION**

8 **11/10/86** 13

15 **HARKER** 34 **JAMES S**

36 **216 MERRIMACK AVE** 55

57 **ATONSVILLE** 70 **MD** 72 **21228** 76

B 3 **LOCATION OF WELL**

8 **HOWARD** 21

23 **SPAINLY MILLER FICK** 42

SECTION 44 **7** 50

52 **DISCON** 71

MILES FROM TOWN (enter 0 if in town) **0** 73 **MI** 76 77 78

**DRILLER INFORMATION**

Driller's Name **Wesley L. Morgan** 77 License No. **238** 80

Firm Name **Wesley L. Morgan Well Drilling**

Address **5512 Ridge Rd Mt. Airy Md. 21771**

Signature **Wesley L. Morgan** Date **10/7/86**

B 4 **DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

11 **MD 144** 30

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 **200** 37

DISTANCE FROM ROAD

ENTER FT or MI **7** 38 39

B 2 **WELL INFORMATION**

APPROX. PUMPING RATE (GAL. PER MIN.) **5** 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **300** 14 20

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

COUNTY NAME **HOWARD** COUNTY NO. **A 31296**

OEP SIGNATURE \_\_\_\_\_ STATE HEALTH INSERT S \_\_\_\_\_

DATE ISSUED **10/27/86** CO SIGNATURE **R. Nelson** EXP. DATE **04/27/87**

NORTH GRID **547000** EAST GRID **0775000**

APPROXIMATE DEPTH OF WELL **220** 24 28 FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST 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 \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. **well**

2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E **7745**

N **5477**

000 000

*Location OK*  
*60' casing*  
*1 1/2' stand pipe*  
*50' open well*  
*12 bags cement*  
*11/3/86*

**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**

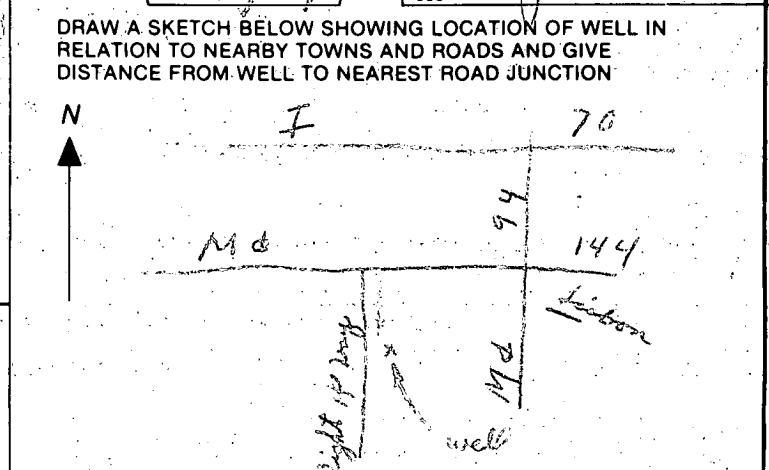
THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

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)*

APPROP. PERMIT NUMBER \_\_\_\_\_ 54 **GAP** 63

FORCE **2** 67 68 WRITE INITIALS IN BOX PERMIT No. **HC-81-1724** 70 71 72 73 74 75 76 77 78 79

**SPECIAL CONDITIONS**



C1-5352

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(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-31296

DATE RECEIVED

DATE WELL COMPLETED 1/10/86

DEPTH OF WELL (TO NEAREST FOOT) 60

PERMIT NO. FROM "PERMIT TO DRILL WELL" MD-81-1727

OWNER NAME: HAKSR (last name), JAMES (first name) STREET OR RFD: 1144 TOWN: LISBON SUBDIVISION: STANLEY MILLER PROP. SECTION: LOT 7

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Blue Rock 53 165 ft.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 12, NO. OF POUNDS: 7128, GALLONS OF WATER: 72, DEPTH OF GROUT SEAL: from 0 to 50 ft.

CASING RECORD: MAIN CASING TYPE: SF, Nominal diameter: 6 inch, Total depth of main casing: 60 ft.

OTHER CASING (if used) diameter, depth (feet) from to.

SCREEN RECORD: screen type or open hole: HO (Open Hole), STEEL (ST), BRASS (BR), BRONZE (PL), PLASTIC (OT), OTHER (OT).

Table with columns: DEPTH (nearest ft.), 1-21, 23-36, 38-51. Includes handwritten entries: 1-8: 40, 9-11: 59, 17-21: 160.

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. ELECTRIC LOG OBTAINED. 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...

DRILLERS IDENT. NO. 738. DRILLERS SIGNATURE: [Signature]

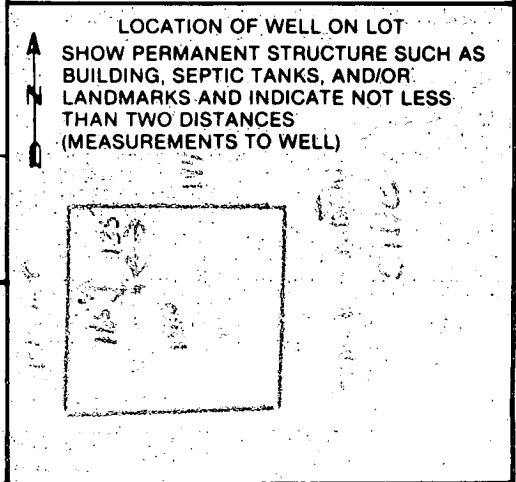
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED: 3, PUMPING RATE: 12 gal. per min., METHOD USED TO MEASURE PUMPING RATE: [Handwritten], WATER LEVEL BEFORE PUMPING: 42, WHEN PUMPING: 44, TYPE OF PUMP USED: S (submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT: + above, - below, LAND SURFACE





HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER  
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL  
DRILLER:

My well driller is not to install the pump for my water well, and I  
hereby certify that it will be my responsibility to have a Pump Permit  
taken out by a registered master plumber or certified pump installer.  
It will be my responsibility to notify the Health Department before  
and during the installation so that inspections can be made by their  
representative. (Pursuant to Chapter XVII, of the Plumbing Code of  
Howard County.)

JIM HAKER  
\_\_\_\_\_  
(Name)

Jim Haker

216 NEWBORN AVE.  
\_\_\_\_\_  
(Address)

CATONSVILLE MD. 21228

947-8301

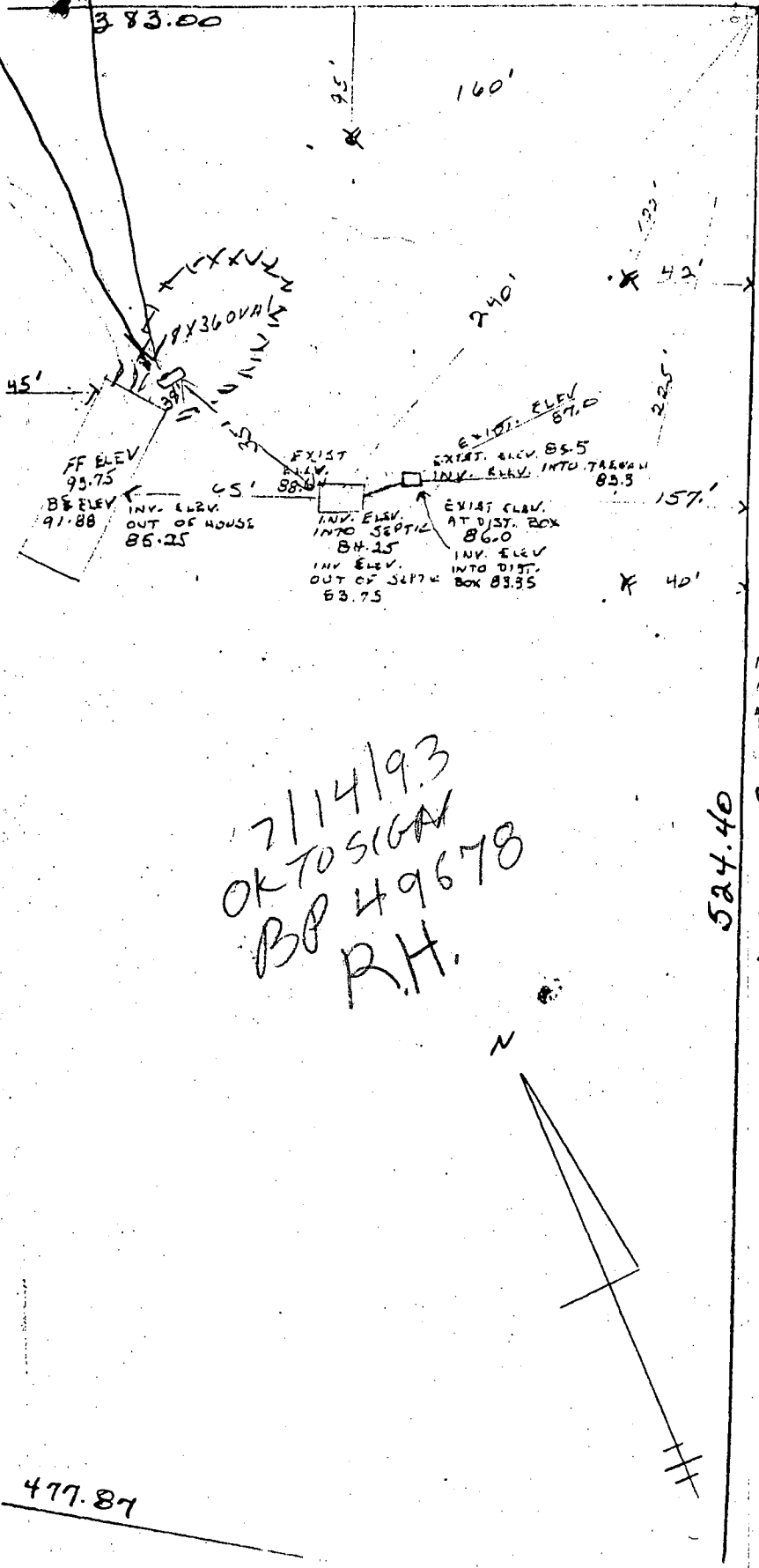
\_\_\_\_\_  
(OEP Well Permit Number)

H0811727

\_\_\_\_\_  
(Date)

Pool  
18x36

Lot 7 16453  
Frederick Rd.



ELEVATIONS

WELL	100.0
FF. DRAINAGE	93.75
BE	91.88
INV. OUT OF HOUSE	85.25
EXIST. ELEV. AT SEPTIC	88.64
INV. INTO SEPTIC	84.25
INV. OUT OF SEPTIC	83.75
EXIST. ELEV. DIST. BOX	86.0
INV. ELEV. DIST. BOX	83.35
EXIT. ELEV. TRENCH	85.5
INV. ELEV. INTO TRENCH	83.30

7/14/93  
OK TO SIGN  
BP 49678  
R.H.

524.40

FENCE LINE BOX SIDE