

7/17/80  
5 P.M.  
7/18/80  
A. Miller if possible  
7/31/80

7/31/80 FILE  
APPROVED  
C.B.S.

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 30787  
A 27522

HOWARD COUNTY

## INDEXED

ELLICOTT CITY

DISTRICT 4th.

33C  
420

04-334965

DATE 7/15/80

*Bud Arnold*

Stanley Miller

IS PERMITTED TO INSTALL  ALTER

ADDRESS 16475 Frederick Road, Woodbine, Maryland 21797 PHONE 489-4382

SUBDIVISION Stanley Miller ROAD 16475 Frederick Road LOT 15

PROPERTY OWNER Stanley Miller

ADDRESS \_\_\_\_\_

SPECIFICATIONS 4Bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

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

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

**Dry Well** SEEPAGE PITS  ABSORBENT SIDE-WALL AREA 166 SQ. FT. per bedroom Total Abs.area in dry well is 336 sq. ft.

INLET PIPE 5 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 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

Location of dry well - 160 ft from 741 ft. lot line at a point 290 ft. from 350.47 lot line or at point 36 feet behind house and 13 feet from the well.

Trench inlet to be 5 feet and maximum depth 11 feet - 70 feet long with 420 sq. ft. absorbant area. Trench to run on contour more or less parallell to 350.47 ft. lot line.

NOTE: LEAVE 5 FT. EARTH BUFFER BETWEEN DRY WELL AND TRENCH.

Raymond Hodges

July 2, 1980

PLANS APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

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.

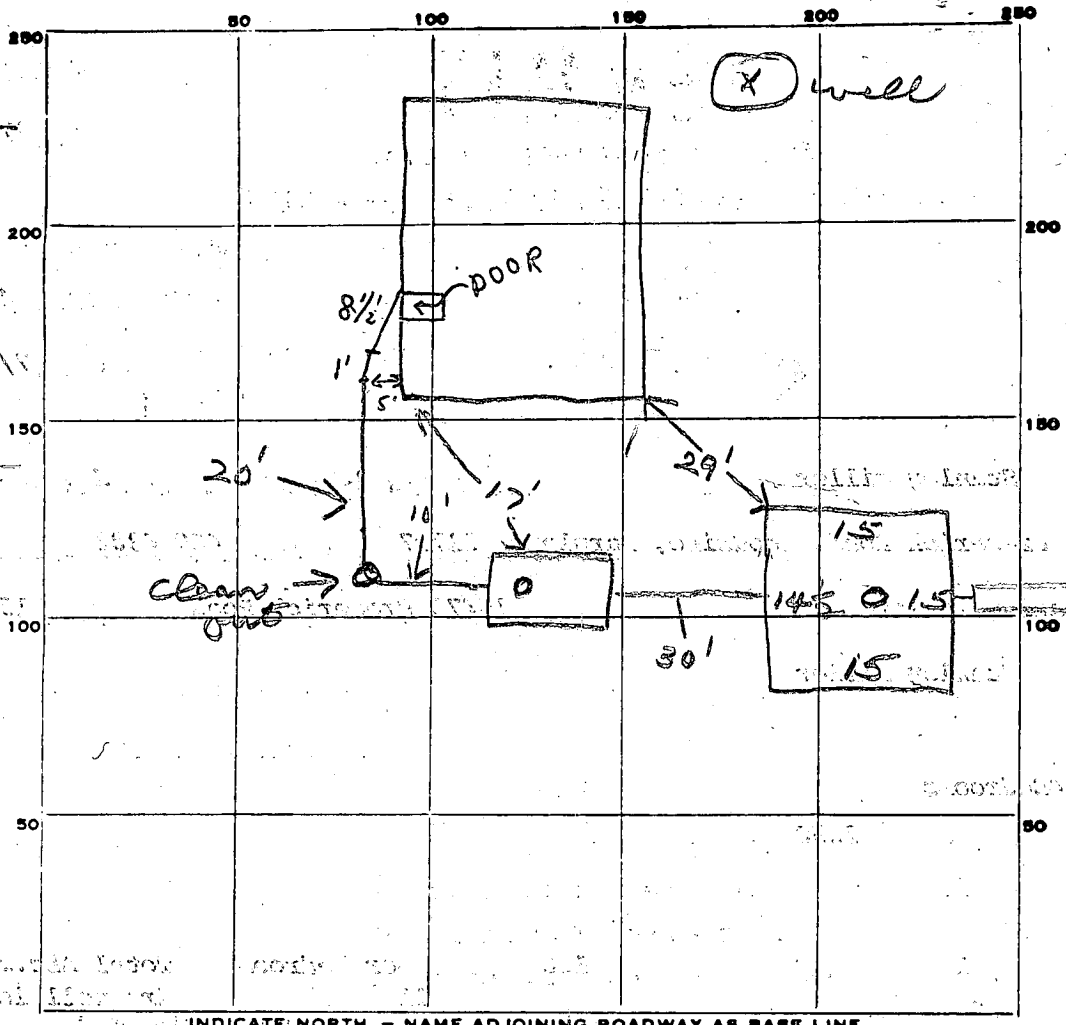
PERMIT VOID AFTER THREE YEARS.

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 27522

166  
 4  
 ---  
 664  
  
 45  
 14  
 ---  
 59.5  
 6  
 ---  
 358.0



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD   
 SEPTIC TANK, LEVEL  CLEANOUTS ST / DW  
 DISTRIBUTION BOX, LEVEL  cast iron  
 TILE FIELD, DEPTH 11 FT. TRENCH WIDTH 2 FT.  
 GRAVEL DEPTH 6 IN. TOTAL LENGTH 72 FT.  
 NUMBER OF TRENCHES 1 TOTAL SIDEWALL 432  
 SEEPAGE PITS, INSIDE DIAMETER 59 1/2 FT. DEPTH BELOW INLET 6 FT.  
 ABSORBENT AREA 357 SQ. FT. 789 Total Area

REMARKS 7/17/80 - OK to cover septic & drainwell, OK to  
add gravel in trench. SK & 8/7/80 OK to cover trench  
must see house connection for final approval SK  
7/31/80 checked - house connection complete  
 C.B.S.

DATE SYSTEM APPROVED 7/31/80 INSPECTOR C.B. Straker

Lot 16

84° 39' 39" E - 383.50'

ELEVATIONS:

DRYWELL:  
EG. GRADE 490.8  
PROP. GRADE 490.8  
INV. IN. 485.8

SEPTIC TANK:

Ex. Grade  
Prop. Grade  
INV. IN.  
INV. OUT.

HOUSE:

F.F. 498.2  
BASEMENT 480.8  
INV. OUT 487.9  
WELL:  
EX. GRADE 497E  
PROP. GRADE 497E

Mo. RT. 149

THIS AREA IS NOT TO BE USED FOR SEWAGE DISPOSAL UNLESS AS REQUIRED BY THE STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE. ALL DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA MUST BE CONSTRUCTED ON THESE PLANS OR BECOME NULL AND VOID.

EX. STREAM



Note: Parc Area located 5/4/80

Ex. Foundation

CONTRACTOR TO SET GRADES IN THIS FIELD.

Lot 15



STATE OF MISSOURI  
WILLIAM R. REGISTER  
REGISTERED PROFESSIONAL ENGINEER  
NO. 10000  
EXPIRES 12/31/80

APPROVED FOR PRIVATE SEWAGE SYSTEMS  
MORNING COUNTY HEALTH DEPARTMENT

Jessie L. Boggs  
COUNTY HEALTH OFFICER

7/15/80 p.c. R.P.R.

PERCOLATION TEST PLAN & PLAN

# APPLICATION

A 27522

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

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: 469-9000, EXT. 336

DISTRICT 4th

DATE 2/3/78

BLDG. \_\_\_\_\_ SIGNED \_\_\_\_\_  
AND RETURNED 2/15/78  
Serial # 43265

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 Stanley Miller

ADDRESS 16475 Paduak Road  
Woodbine, Maryland 21797 PHONE 489-4382

PROPERTY LOCATION:

SUBDIVISION (Stanley Miller Property) LOT NO. 15

ROAD AND DESCRIPTION 16475<sup>th</sup> Route 144

SIZE OF LOT 6.85 acres TYPE BLDG. 3 of 4  
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/ Stanley Miller

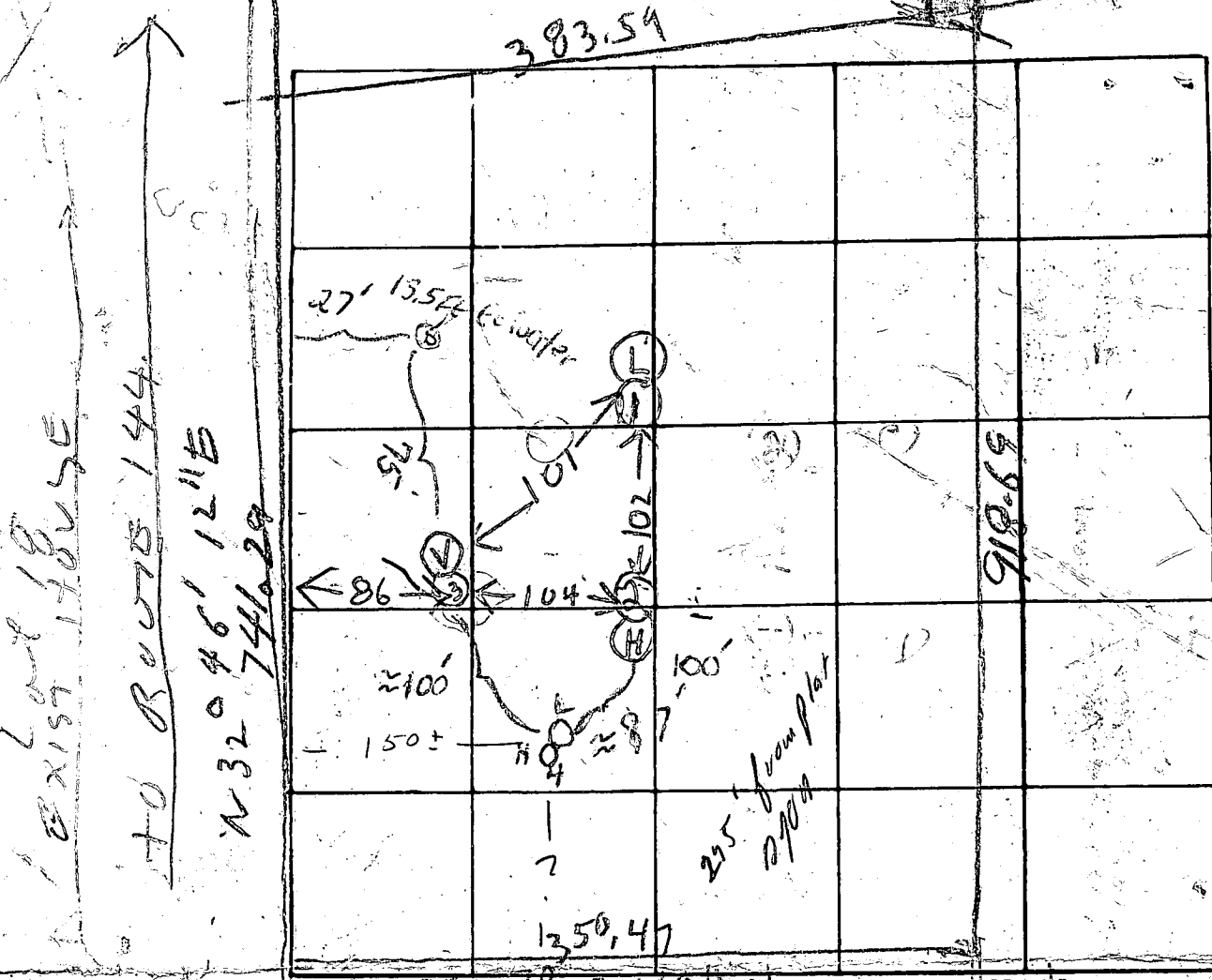
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

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

# THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PRE-WET		TEST		TIME	
			START	STOP	START	" DROP STOP		
3/10/78	1D	1 4 1/2	234	248	248	312	24	
	1S	6	234	240	248	312	24	
	2S	5 1/2	253	256	256	300	4	
	2D	13 1/2	255	302	302	315	13	
	3V	13	TOP 5 FT CLAY PART BOT 5 FT POROUS SANDY SHALE					
3/22/78	4H	5 1/2	1:50	1:58	1:58	2:07	9	
3/22/78	4L	14 1/2	1:55	2:00	2:00	2:07	7	
3/22/78	5	water	13 1/2					

average 14 min

REMARKS In woods field locate holes.

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

TESTED BY R. Hodges

ALSO PRESENT: J. Miller

2/22/78 M. Borgogni

2/22/78 David O'Neal  
J. S. McCallahan



**B 1** 4642 SEQUENCE NO. (WRA USE ONLY)

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

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
**TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401**  
**APPLICATION FOR PERMIT TO DRILL WELL**

WRA PERMIT NUMBER  
HO 73 3601  
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)  
7/15/80  
9:30 A.M.  
10:00

**OWNER** M. MARI STANLEY JR  
 COL 15 LAST NAME COL 34 FIRST NAME

**STREET OR RFD** 16333 FREDERICK RD  
 COL 36 COL 55

**POST OFFICE** WOOD RIDGE MD 21797  
 COL 57 COL 76

**B 1 CONTINUED DRILLER INFORMATION**

1 2 3 (SEQ. NO.) 6

**DATE** 7/15/80 **LICENSE NUMBER** 209  
 COL 77 COL 80

**FIRST NAME** Howard **DRILLER** Dillon **LAST NAME**

**SIGNATURE** [Signature]

**B 3 LOCATION OF WELL**

1 2 3 (SEQ. NO.) 6

**COUNTY** HOWARD (DO NOT ABBREVIATE COUNTY NAME) COL 21

**SUBDIVISION** 23 COL 42

**SECTION** 44 46 **LOT** 15 COL 50

**NEAREST TOWN** Lusson COL 52 COL 71

**MILES FROM TOWN (ENTER 0 IF IN TOWN)** 1.00 COL 75 COL 76 COL 77 COL 78

**B 2 WELL INFORMATION**

1 2 3 (SEQ. NO.) 6

**MAXIMUM PUMPING RATE (GALLONS PER MINUTE)** 5 COL 8 COL 12

**AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY)** 310 COL 14 COL 20

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

**D** HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

**F** FARMING, AGRICULTURE, IRRIGATION

**I** INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

**M** MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL

**P** PRIVATE WATER COMPANY }

**T** TEST

**B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)**

1 2 3 (SEQ. NO.) 6

**N** NORTH  **E** EAST  **NE** NORTHEAST  **SE** SOUTHEAST

**S** SOUTH  **W** WEST  **NW** NORTHWEST  **SW** SOUTHWEST

**NEAR WHAT ROAD** 110 RT

**ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)**  **N**  **S**  **E**  **W**

**DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX)** 34 COL 37 COL 38 COL 39

**APPROXIMATE DEPTH OF WELL** 24 28 FEET

**APPROXIMATE DIAMETER OF WELL** 1 1/2 (NEAREST INCH)

**METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)**

**BORED (OR AUGERED)**  **JETTED**  **DRIVEN**

**30-37 AIR-ROTARY**  **AIR-PERCUSSION**  **ROTARY (HYDRAULIC ROTARY)**

**CABLE**  **REVERSE-ROTARY**  **DRIVE-POINT**

**OTHER (DESCRIBE)**

**REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

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.

**BOX NUMBER** 470 440

**NORTH COORDINATE** 45020 COL 50 COL 51 COL 52 COL 53 COL 54 COL 55

**EAST COORDINATE** 573000 COL 57 COL 58 COL 59 COL 60 COL 61 COL 62 COL 63

**ELEVATION AT WELL HEAD (FEET)** COL 65 COL 66 COL 67 COL 68

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

**APPROPRIATION PERMIT NUMBER** 64 **ENGINEER REVIEW DISTRICT NO.** 65

**FORCE** 67 68 **CONDITIONS** AV

**WRITING INITIALS IN BOX** **A E N S G W Q C L U**

**B 4 CONTINUED HEALTH DEPARTMENT APPROVAL**

1 2 3 (SEQ. NO.) 6

**STATE HEALTH (CIRCLE BOX)**  **S**

**MO. DAY YR.** 7 15 80

**COUNTY NAME** Howard **COUNTY NO.** 24

**DATE** 7 15 80

**APPROVED BY** [Signature]

**B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)**

1 2 3 (SEQ. NO.) 6

70  
 2  
 27654

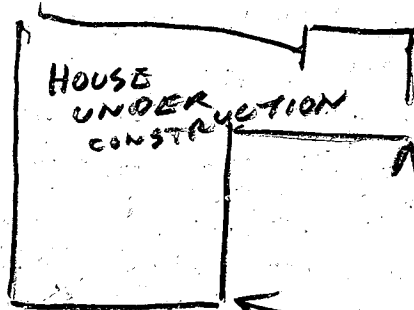
MC 13 3001

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.

APR 21 1 40 PM '80

DIVISION OF  
ENVIRONMENTAL  
HEALTH

slope



45



137

← TO R2144 R/W

97  
90

- ① NOT SURE IF LOCATION RIGHT OR WRONG LOT IN WOODS CANNOT FIND SIDE LINES
- ② HOUSE ALREADY UNDER CONSTRUCTION & NO BUILDING PERMIT SIGN SEEN
- ③ 78 FT CASING 2 FT OUT OF GROUND
- ④ 75 FT OPEN HOLE MEASURED WITH A STRING
- ⑤ 20 BAGS
- ⑥ WELL GROUT OK BUT MUST CHECK LOCATION 5/28/80 R/H

NOTE: PERC ATION TEST HOLES SHOWN HEREON "O" HAVE BEEN FIELD LOCATED.

Lot 16

To MD. RT-144

ELEVATIONS:  
 DRYWELL:  
 EX. GRADE 490.8  
 PROP. GRADE 490.8  
 INV. IN. 485.8

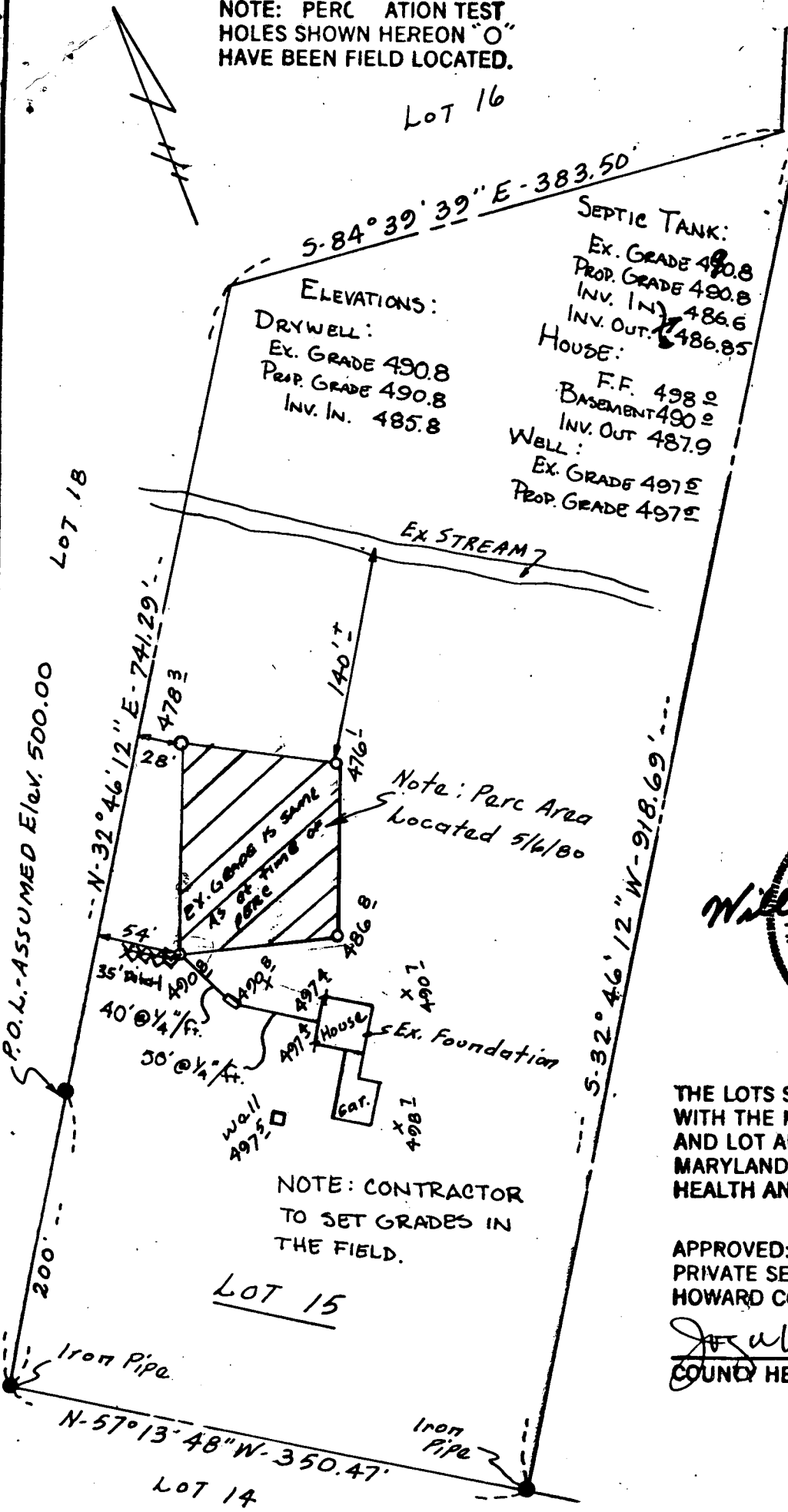
SEPTIC TANK:  
 EX. GRADE 490.8  
 PROP. GRADE 490.8  
 INV. IN. 486.6  
 INV. OUT. 486.85

HOUSE:  
 F.F. 498.2  
 BASEMENT 490.2  
 INV. OUT. 487.9

WELL:  
 EX. GRADE 497.5  
 PROP. GRADE 497.5

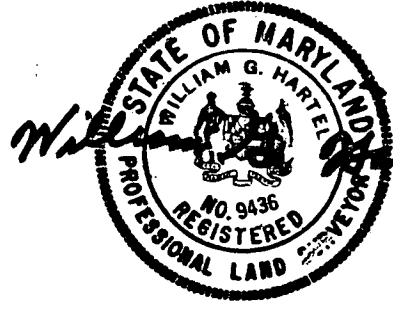
THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.

Lot 18  
 P.O.L. ASSUMED Elev. 500.00



Note: Perc Area Located 5/6/80

NOTE: CONTRACTOR TO SET GRADES IN THE FIELD.



5/7/80

THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT

*Joselyn Boyles* 7-8-80  
 COUNTY HEALTH OFFICER DATE

TITLE <b>PERCOLATION TEST PLAT &amp; PLOT PLAN</b>			
PROJECT <b>LOT 15 - STANLEY MILLER PROPERTY</b>			
LOCATION <b>4<sup>TH</sup> ELECTION DISTRICT - HOWARD COUNTY, MD.</b>			
DATE: <b>7 MAY 80</b>	DESIGN BY:	DRAWN BY: <b>BH</b>	CHECKED BY:
SCALE: <b>1" = 100'</b>	JOB NO.: <b>79207</b>	DRAWING NO.: <b>1 OF 1</b>	

boender associates

engineers  
 surveyors  
 planners