

2/24/95  
A.M.

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-332202

P 50531

A 22544

DISTRICT 4th

DATE 2/23/95

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 313-2640

### INDEXED

DATE SYSTEM APPROVED 2-24-95

INSPECTOR GS/Ann

\*Time Expired for  
F.C.O.P. Compliance

Adamson Plumbing & Heating

IS PERMITTED TO INSTALL  ALTER

ADDRESS 7825 McCellan Avenue, Boonsboro, Maryland 21713 PHONE 301-416-3968

SUBDIVISION Middle Trail LOT 13A ROAD 16217 Old Frederick Road

PROPERTY OWNER D. Neal McCarty

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

540 SQ FT REQ

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start first (high) trench 60 feet from the rear lot line (247.50 Feet) and 110 feet from the left side line as seen when facing the lot from Old Frederick Road. Run the trenches to left side of property. KEEP THE TRENCHES AT LEAST 100 FEET FROM THE WELL.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 1/17/95 DKS

PLANS APPROVED BY Raymond Hodges/C.W./Amy McMillen/Mark Rifkin REVISED \_\_\_\_\_ DATE 01/04/95

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

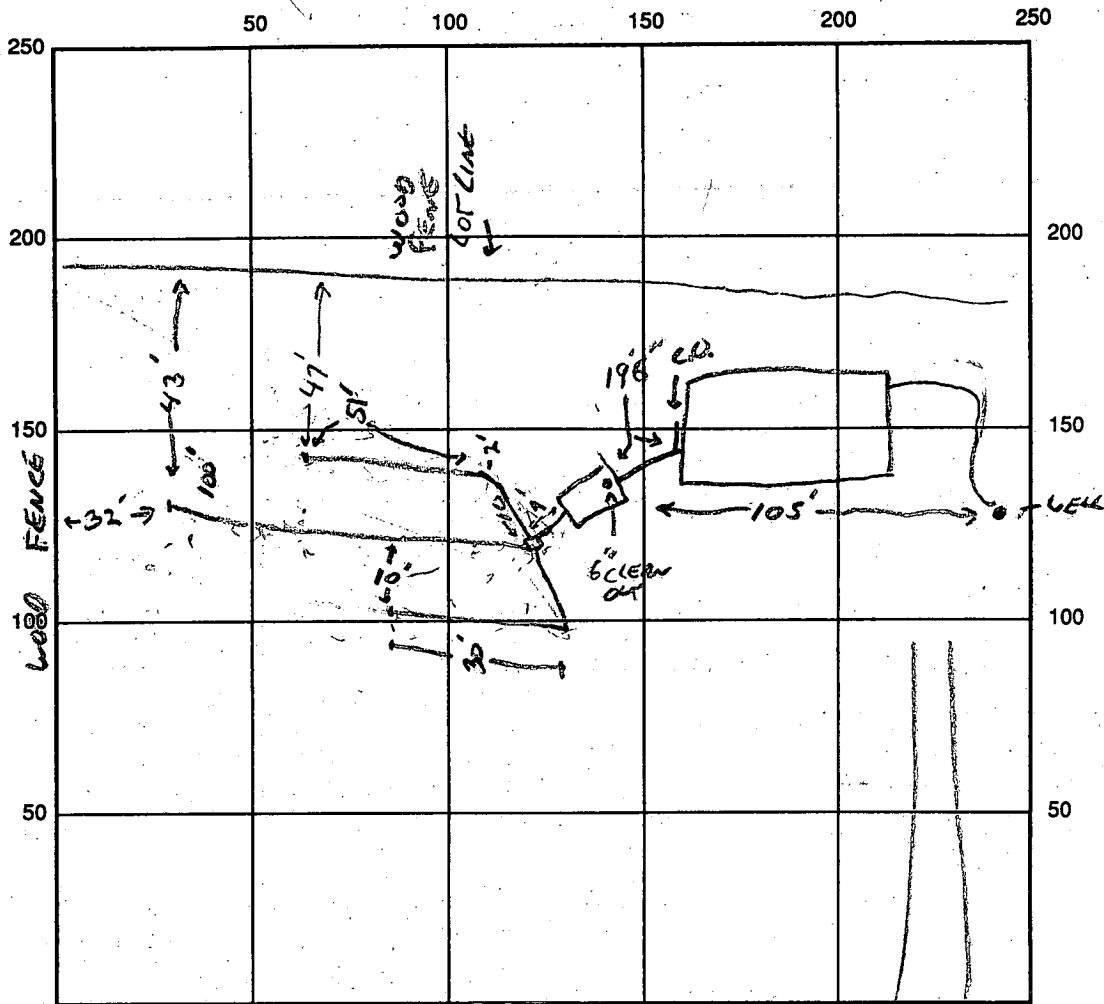
PERMIT VOID AFTER TWO YEARS

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 PVA 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**

P 50531  
A 22544



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
OLD FREDERICK ROAD

SEPTIC TANK LEVEL OK CLEANOUTS TANK EAST FOUNDATION

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2.5 FT. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 540 SQ. FT.

DRYWALL INSIDE DIAMETER        FT. EFFECTIVE DEPTH BELOW INLET 2 FT.

ABSORBENT AREA        SQ. FT.

REMARKS: WPI - 2-24-95, WELL LINE 40" DEEP, PITLESS ADAPTER OK, DOOR CLAMPS, 3 WIRE/  
W GROVED TO PUMP (PLEASE WELL CHAIN) HOUSE CONCRETE SLUGS, CLAMPED & CEMENTED, OK GS  
C-O 2/24/95 OBSERVED COMPLETE SYSTEM, DOZ, TANK, TRENCHES  
STONED + PAPERED, ALL OK. OK TO COVER. FINAL

DATE SYSTEM APPROVED 2/24/95 INSPECTOR GS.

4-13' Lotes  
on 10,000 ft.

# APPLICATION

A 22544

## 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 4

DATE 11/25/75

*Preliminary*

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 Howard Associates *D. NEAL McCarty*

Any questions call:  
Joel Abramson  
730-7733

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

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 13 A D

ROAD AND DESCRIPTION *16217* Old Frederick Road

SIZE OF LOT 1.190 acres TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS \_\_\_\_\_  
(Single Fmly. Dwllg.)

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

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

BLDG. PERMIT SIGNED  
AND RETURNED 4/6/95  
*Serial # 57788*  
SFD

SIGNATURE OF APPLICANT /s/ Joel Abramson

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

REJECTED BY *Frank Skinner* FOR *ash* DATE 5/6/76  
(KIND OF SYSTEM) \_\_\_\_\_  
(KIND OF SYSTEM) \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING insufficient disposal area

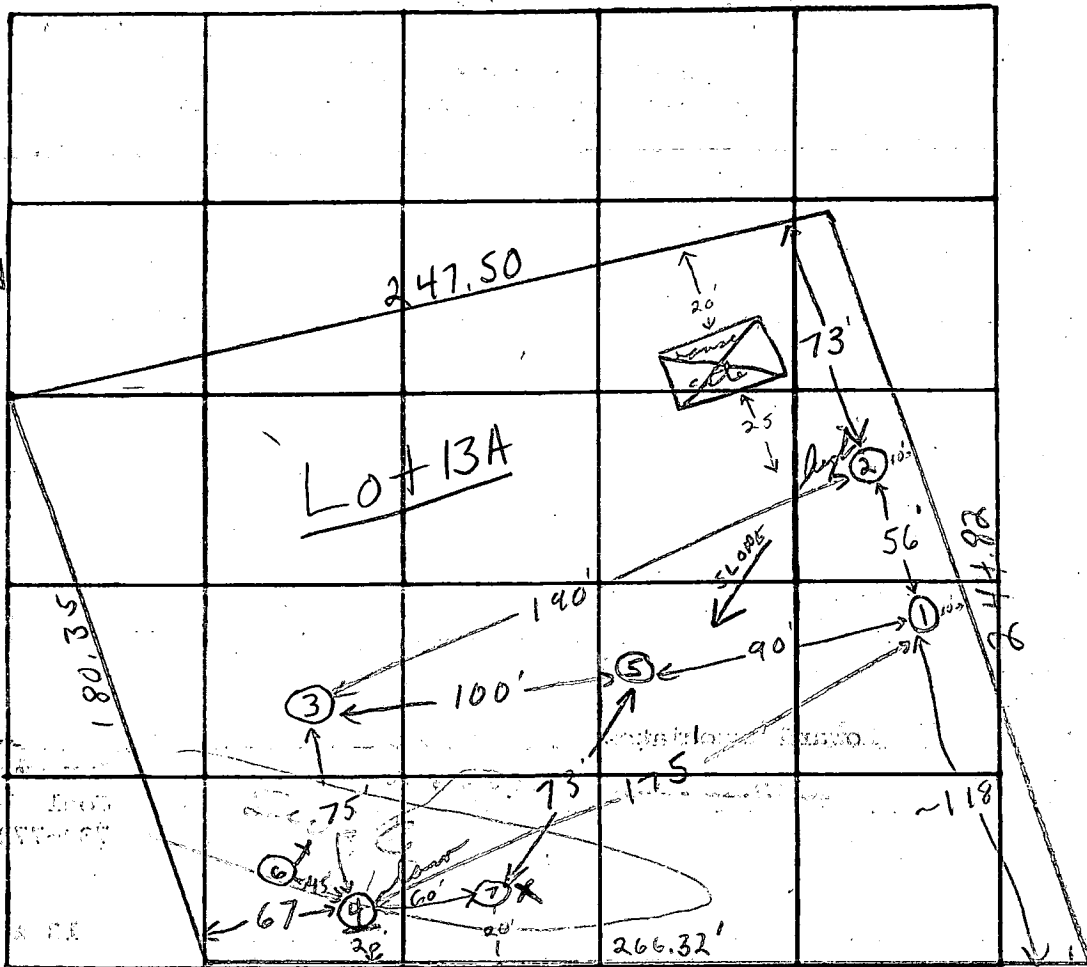
4/13/78 Hold for supervision + certified holes.

(Check overall plans) See later tests on this sheet  
C.B.A. + F.A.

# THIS IS NOT A PERMIT

④⑥⑦  
 0  
 clayey  
 6'  
 silty loam  
 & weathered  
 saprolite  
 12'

①②③⑤  
 0  
 clay  
 3'  
 silty  
 loam  
 & weathered  
 saprolite  
 11 1/2'



INDICATE NORTH. - NAME ADJACENT ROADWAY AS BASE LINE.

Old Fredrick Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/26/75	1	4'	1:26	1:28	1:28	1:32	4 min
	1A	11'	1:26	1:28	1:28	1:31	5 min
	2 high	4'	1:29	1:32	1:32	1:40	8 min
	2A	11 1/2'	1:29	1:31	1:31	1:34	5 min
	3 low	4'	2:04	2:06	2:06	2:15	9 min
	3A	11 1/2'	2:04	2:06	2:06	2:09	3 min
	④	6'	2:37	2:53	2:53		pulled peg 3 3/4" 1/2 drop started
	4A	12'	2:37	2:39	2:39	2:46	7 min
	5	11 1/2'	Clayey to 4 1/2'		silty loam & weathered saprolite below		
	④B	7'	3:58	pulled peg 4 1/4" 3/4 drop failed			

REMARKS

Hold for further tests. House site will be very restricted

TYPE OF SOIL

silty loam & weathered saprolite below 3-7' clay

TESTED BY

F.S.

ALSO PRESENT:

Lendrin crew

# APPLICATION

A 22544

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P \_\_\_\_\_

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PROPERTY OWNER Howard Associates

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Joel Abramson  
730-7733

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 13 A

ROAD AND DESCRIPTION Old Frederick Road

SIZE OF LOT 1.190 acres TYPE BLDG. 3 or 4

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_ NUMBER OF BEDROOMS  
(Single Fmly. Dwllg.)

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

SIGNATURE OF APPLICANT /s/ Joel Abramson

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

REJECTED BY F. Skinner FOR any DATE 5/6/75  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING insufficient disposal over

See later tests.

C.B.D. & F.D.

# THIS IS NOT A PERMIT



C1 **0490** SEQUENCE NO. (DENV USE ONLY)

**STATE OF MARYLAND**  
**WELL COMPLETION REPORT**  
FILL IN THIS FORM COMPLETELY  
PLEASE PRINT OR TYPE

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

COUNTY NUMBER **A22544**

ST/CO USE ONLY  
DATE Received

DATE WELL COMPLETED  
**110293**

Depth of Well  
**320**  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
**40-92-0422**

OWNER **MCCALLY NEAL**  
STREET OR RFD last name **OLD FARM ROAD** first name TOWN **LISBON**  
SUBDIVISION **MIDDLE TOWN** SECTION LOT **13A**

**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	
Top Soil	190	200	Qnty
Brown Shale	21	30	✓
Brown Slate	30	40	✓
Blue Slate	40	90	
Brown Slate	50	95	✓
Blue Slate	95	100	
Brown Slate			
Blue Slate			

**GROUTING RECORD** yes no  
WELL HAS BEEN GROUTED  Y  N  
(Circle Appropriate Box)  
TYPE OF GROUTING MATERIAL  
CEMENT  CM BENTONITE CLAY  BC  
NO. OF BAGS **11** NO. OF POUNDS **1100**  
GALLONS OF WATER **66**  
DEPTH OF GROUT SEAL (to nearest foot)  
from **42** ft. to **42** ft.  
(enter 0 if from surface)

**CASING RECORD**  
casing types insert appropriate code below  
ST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)  
 PL  6  45  
60 61 63 64 66 70

OTHER CASING (if used) diameter inch depth (feet) from to  
EACH CASING

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

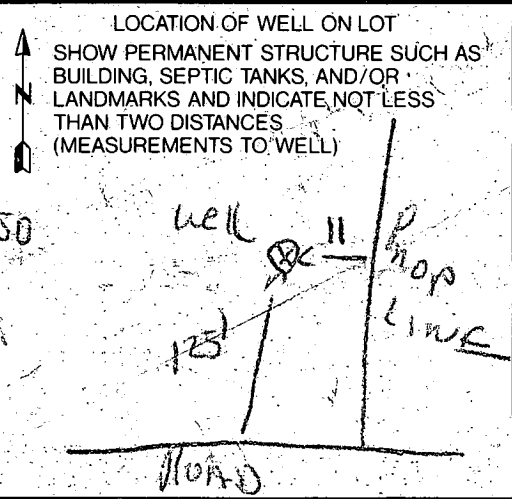
**C2**  
DEPTH (nearest ft.)  
1 **170** **43** **320**  
8 9 11 15 17 21  
2 **23** **26** **30** **32** **36**  
23 24 26 30 32 36  
3 **38** **41** **45** **47** **51**  
38 39 41 45 47 51  
SLOT SIZE 1 2 3  
DIAMETER OF SCREEN **56** (NEAREST INCH) from to

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
T (E.R.O.S.) W O  
70 72 74-75 76  
TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3**  
**PUMPING TEST**  
HOURS PUMPED (nearest hour) **3** **5** **14**  
PUMPING RATE (gal. per min. to nearest gal.) **10**  
METHOD USED TO MEASURE PUMPING RATE **At 10 ft**  
WATER LEVEL (distance from land surface) BEFORE PUMPING **37** WHEN PUMPING **40**  
TYPE OF PUMP USED (for test) **A** air **P** piston **T** turbine **C** centrifugal **R** rotary **O** other (describe below) **J** jet **S** submersible

**PUMP INSTALLED**  
DRILLER WILL INSTALL PUMP YES  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:  
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)  above  below LAND SURFACE **2** (nearest foot)



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 26.04.04 "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. **117**  
DRILLERS SIGNATURE **[Signature]**  
(MUST MATCH SIGNATURE ON APPLICATION)

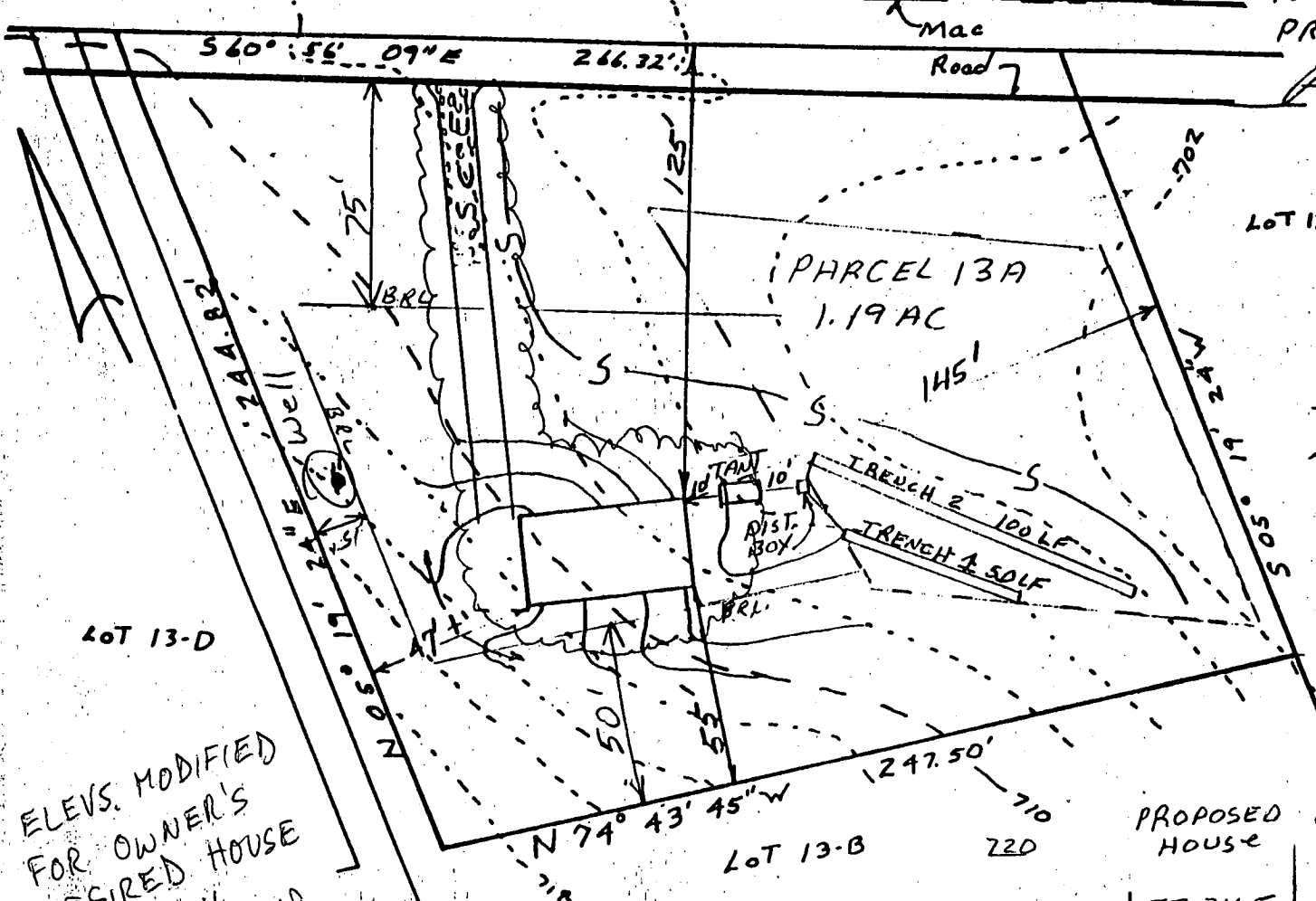
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



# OLD FREDERICK ROAD

I CERTIFY THE MEASUREMENTS AND ELEVATIONS SHOWN HEREON TO BE ACTUAL & TRUE FOR THIS PROPERTY

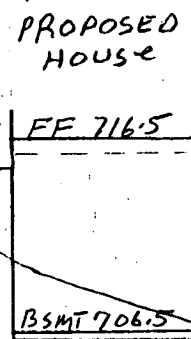
*J. Carl Hudgins*  
**J. CARL HUDGINS**



**PLOT PLAN**  
**PARCEL 13 A**  
**MIDDLE TRAIL**  
**TAXMAP 2 PARCEL 190**  
**4TH ELECTION DISTRICT**  
**HOWARD COUNTY MD.**  
**Approved Septic System Plan**  
**Howard County Health Department**

*Amy McMiller* 1/6/95  
**Signature** **Date**

**SEPTIC SYSTEM**  
**CROSS SECTION**  
**HORZ 1"=50'**  
**VERT 1"=10'**



ELEVS. MODIFIED FOR OWNER'S DESIRED HOUSE  
 HOUSE: ELEV. MR 2/2/95

<b>FIRST FLOOR</b>	715.0	716.5
<b>BASEMENT</b>	705.0	706.5
<b>INVERT</b>	703.5	708.66
<b>SEPTIC TANK:</b>		
<b>EXISTING GRADE</b>	706.0	
<b>PROPOSED GRADE</b>	705.9	
<b>INVERT IN</b>	703.48	
<b>INVERT OUT</b>	703.20	

<b>DISTRIBUTION BOX:</b>			
<b>EXISTING GRADE</b>		705.5'	
<b>PROPOSED GRADE</b>		705.5'	710
<b>INVERT</b>		703.1'	
<b>TRENCHES:</b>			
	<b>#1</b>	<b>#2</b>	
<b>LENGTH</b>	50'	100'	
<b>WIDTH</b>	3'	3'	
<b>STONE</b>	2'	2'	700
<b>INVERT</b>	703.0'	702.0'	
<b>BOTTOM</b>	701.0'	700.0'	
<b>EXISTING</b>	706.0'	705.0'	

