

1-12/83  
2/20/83  
late as possible  
4/13/84  
later  
3:00 PM

approved  
4/13/84  
Owens

# PERMIT

P 33369  
A 32566

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

04-328930  
INDEX

ELLICOTT CITY  
DISTRICT 4th.  
DATE 12/07/83

Jeffrey Mathenia IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_  
ADDRESS 10218 Davis Avenue, Woodstock, Md. 21163 PHONE 461-5265  
SUBDIVISION \_\_\_\_\_ ROAD 15700 Frederick Road LOT \_\_\_\_\_  
PROPERTY OWNER F. Grant Hill PHONE: 744-4444 Office  
15829 A. E. Mullinix Road  
ADDRESS Woodbine, Maryland 21797

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES X NO \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 4

SHALLOW TRENCHES - 200 sq. ft. per bedroom bottom area. 1076 sq. ft. for 4 bedrooms with garbage grinder. Trench to be 3 feet wide, Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 4 feet below original grade, with 1 1/2 feet of stone below distribution pipe. LOCATION: Start the trench at perc hole (2) and run the trench toward perc hole (1). Perc hole (2) is located 190 feet from the well and 117 feet from the house. Perc hole (1) is located 117 feet from perc hole (2) and 35 feet from the wire fence. Space the trenches at least 10 feet apart center to center. No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. ~~Call for inspection of trench before gravel is installed.~~ Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.

PLANS APPROVED BY Raymond Hodges DATE 3/23/83

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 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, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

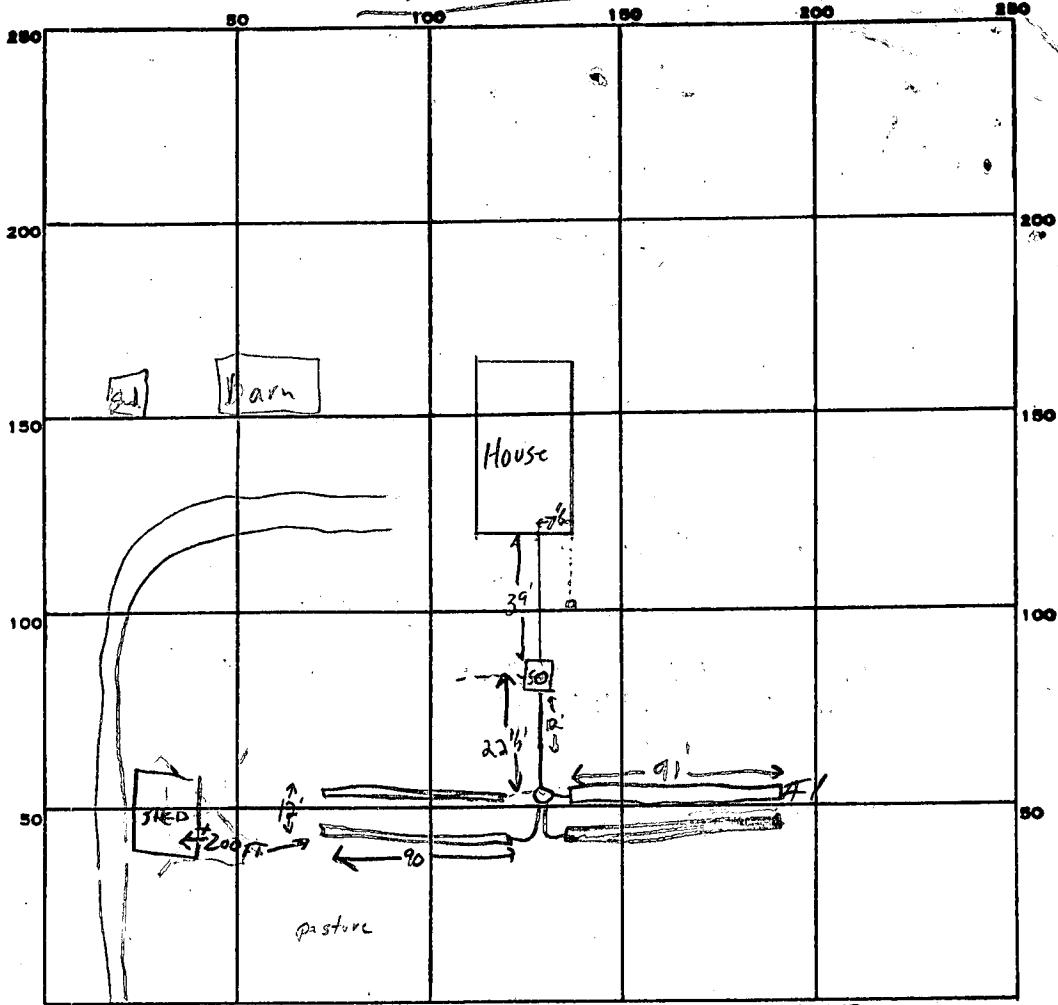
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

**\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.**

EH - 2-1082

A 32566

I-70



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.  
Md. Rte. 144

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS 5 T. C.O. & manhole OK.

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 7 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH                      FT. TOTAL LENGTH #1 190 #2 190 #3 190 #4 190 FT. = 360

NUMBER OF TRENCHES 4 TOTAL BOTTOM AREA 1083

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

ABSORBENT AREA 1083 SQ. FT.

REMARKS 12/20/83 OK. to have bottom of trench @ 7' as house is slightly deeper in ground than planned J.P.S.

12/21/83 Trench #1 open ~7' deep; pipe @ 6' deep OK. to continue gravel in trench & backfill as needed as rain is expected this evening J.P.S.

4/13/84 OK TO COVER ALL WORK. CW

DATE SYSTEM APPROVED 4/15/84

INSPECTOR CW/Chen

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND : DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32566

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4th

DATE March 16, 1983

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 F. Grant Hill

ADDRESS 15829 A. E. Mullinix Road PHONE 442-2073

PROPERTY LOCATION:

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

ROAD AND DESCRIPTION 15700 Frederick Road, Lisbon, Maryland

SIZE OF LOT 125 acres m/l TYPE BLDG. 3 or 4 bedrooms  
(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.

(SIGNATURE OF APPLICANT)

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

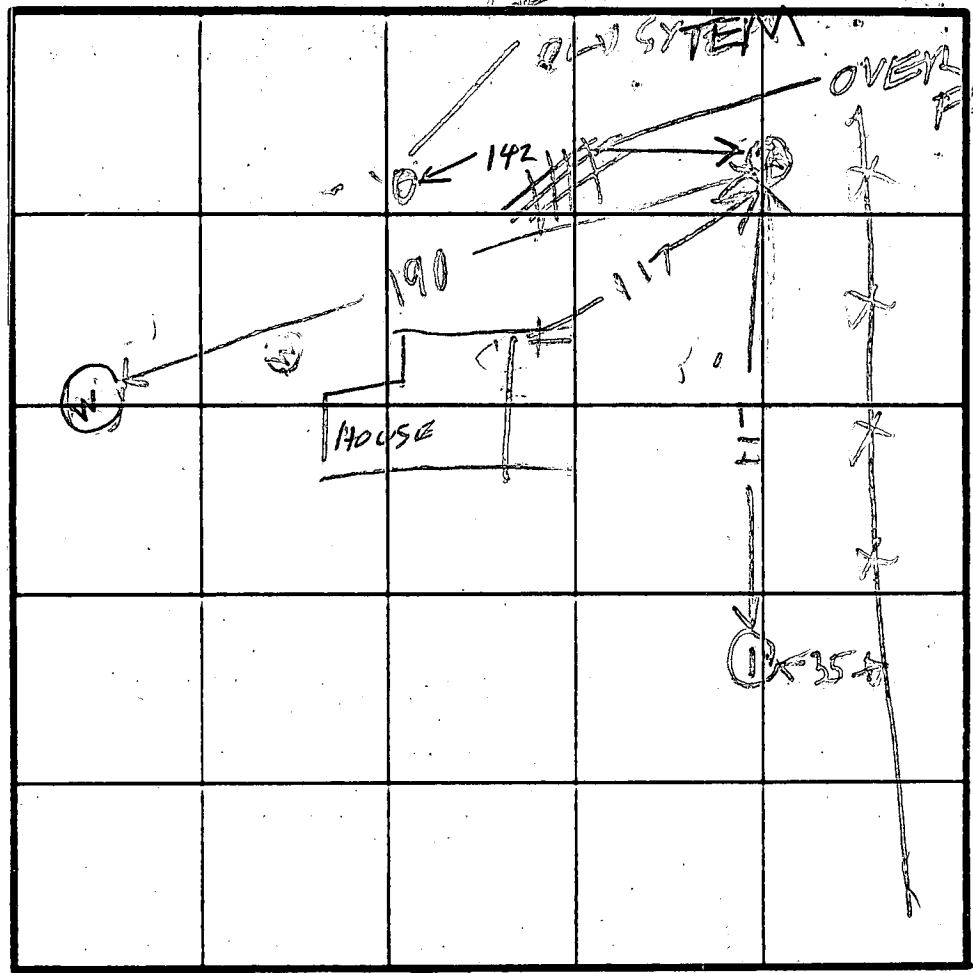
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

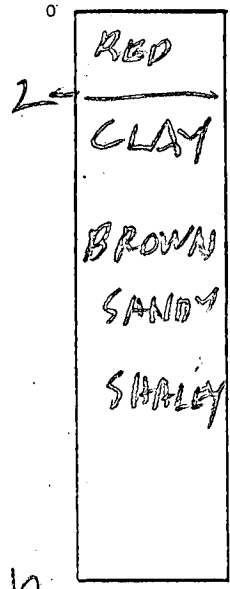
# THIS IS NOT A PERMIT

CLEANOUT



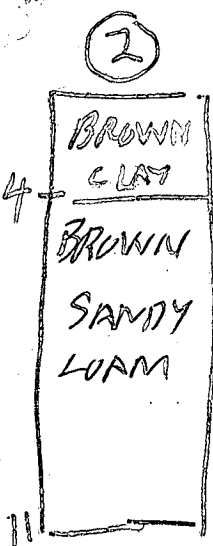
Rfe 144

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
3/18/83	IS	3	135	145	145	151	8
	IM	7 1/2	155	1st inch	55 sec	2nd inch	100 sec
	IM REFIN	7 1/2	200	1st inch	100 sec	2nd inch	120 sec
	IV	12	LOOKS	OK	EXCEPT	SOME	SHALE
	2M	6	141	154	154	210	24
	2S	3 1/2	152	232	little per		
	2V	11	LOOKS	OK	EXCEPT	SLOW	SHELF
	2ES	4 1/2	257	304	304	324	20



- REMARKS
- ① OLDEST TEST HOLES CANNOT BE REACHED FROM THIS HOUSE SITE WITHOUT A PUMP. OLDEST NOT AVAILABLE TO THIS HOUSE
  - ② OLD SEPTIC SYSTEM OVERFLOWING TODAY
  - ③ RAIN TO DAY
  - ④ BACK HOLE BROKE DOWN

E112 1078

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

Retest  
9:30 AM - 3/18/83  
Thursday  
Will call on  
H- 442-2073  
O- 744-4444  
F- 942-2335

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32566

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4th.

DATE March 16, 1983

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 E. Grant Hill

ADDRESS 15829 A. E. Mullinix Road PHONE 744-4444 - Office  
442-2073 - Home

PROPERTY LOCATION: Woodbine, Md., 21797 442-2335 - Farm

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

ROAD AND DESCRIPTION 15700 Frederick Road, Lisbon, Maryland

SIZE OF LOT 125 acres m/l TYPE BLDG. 3 or 4 bedrooms  
(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. E. Grant Hill  
(SIGNATURE OF APPLICANT)

APPROVED BY Raymond Hodges FOR Shallow trench DATE 3/23/83

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

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

REASONS FOR REJECTION OR HOLDING 3/18/83 HOLD FOR REVIEW

FAST PERC & SLOW PERC RH 3/23/83 FS

SAID OK FOR TILE FIELD RH

BLDG. PERMIT SIGNED  
AND RETURNED 4/19/83  
Serial #528 97 SFD.

# THIS IS NOT A PERMIT

SOIL PROFILE

REP. 1/21  
BROWN SANDY SHALES



see other sheet for next copy

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

4  
BROWN SANDY LOAM

DATE	TEST NO.	DEPTH	PRE. WET		TEST		DROPS	TIME
			START	STOP	START	STOP		
2/12/85	13	3 1/4	13.5	14.3	14.5	15.1	3	
	14	10	LOOKS					
	2M	6	14.1	15.4	15.4	21.3	24	
	2S	5 1/2	15.2	18.2				
	2V	11	LOOKS					
1/18/89	1M	7 1/2						
	2ES	4 1/2	2.57	3.04	3.04	3.24	20	

BACK TO BROKE DOWN

REMARKS OLD TEST HOLES CANNOT BE REACHED FROM THIS HOUSE SITE WITH OUT A PUMP  
TYPE OF SOIL OLD TEST HOLES NOT AVAILABLE

TESTED BY [Signature] ALSO PRESENT MR HILL  
OLD SEPTIC SYSTEM OVERFLOWING

EM 12-1079

PRELIMINARY

# APPLICATION

10/5/79  
9:30 A.M.

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30215  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 4th  
DATE 9/28/79

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND  
*Tenant T. Farenholt 489 7152*

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Carl M. Freeman (Contract Purchaser - F. Grant Hill)  
ADDRESS 1009 Frederick Road, Catonsville, Md. 21228 PHONE 744-4444

PROPERTY LOCATION:  
SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_  
ROAD AND DESCRIPTION Route 144 - opposite Daisy Road

SIZE OF LOT 125 acres m/1 TYPE BLDG. 3 or 4 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.

SIGNATURE OF APPLICANT *F. Grant Hill*

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

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

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

REASONS FOR REJECTION OR HOLDING 10/5/79 MORE TEST RAIN TODAY R/H

*copy to Mrs. Mathena*  
**THIS IS NOT A PERMIT**



# APPLICATION

Page 2

SEWAGE DISPOSAL TESTING

A 30215

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 4TH

DATE 9/29/79

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 CM FREEMAN CONTRACT PURCHASER GRANTHILL

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

PROPERTY LOCATION:

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

ROAD AND DESCRIPTION RW 144

SIZE OF LOT 1.25 A TYPE BLDG. 3 OR 4 BR

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.

SIGNATURE OF APPLICANT \_\_\_\_\_

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

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

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

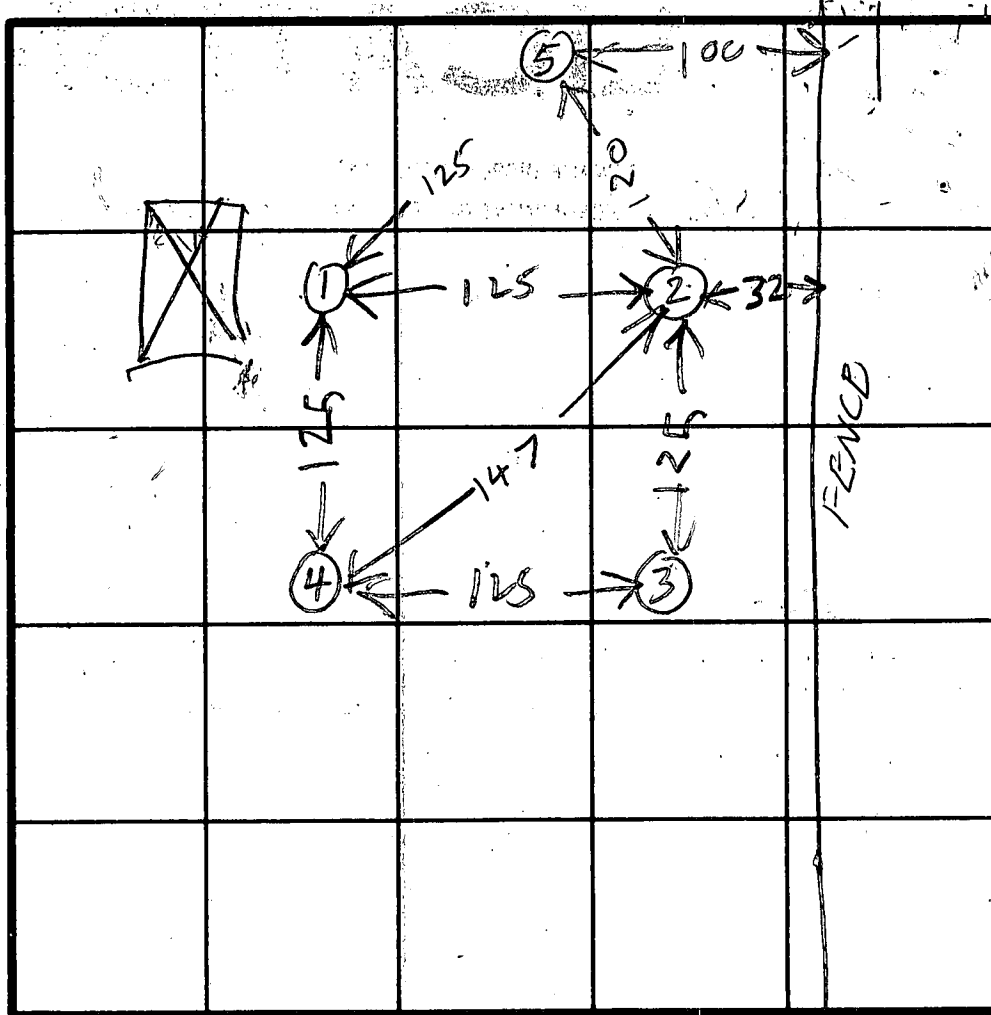
REASONS FOR REJECTION OR HOLDING 10/16/79 - HOLD FOR REVIEW ON HOLD

To F.A.S.T. R17 10/20/23/79 DM said O/K per R17  
called Dr Hill & left message R17

Copy TO MATHENA

# THIS IS NOT A PERMIT

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 144

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
10/16/79	4S	3 1/2	149	151	151	154	3
	(3D)	8	200	305EC	1st inch	35 sec 2nd	
	3S	4	202	204	204	209	5
	4D	8	223	245	245	313	28
	2D	8 1/2	234	236	236	240	4
	5D	8 1/2	316	320	320	323	3
10/16/79	5S	4	320	322	322	325	3

REMARKS EXIST HOUSE ON THIS FARM MUST CHECK SEPTIC SYSTEM ON THIS HOUSE LATER & HAVE VISUAL HOLES DUG

TESTED BY RH ALSO PRESENT VERNON MATHENA

INTERSTATE RT 70

DR + MRS. GRANT HILL  
125 ACRES ±

1250' ±

ASSUMED ELEVATIONS  
PRESENT WELL - 498'

Finish First Floor - 500'

Finish Floor Basement 490.3'

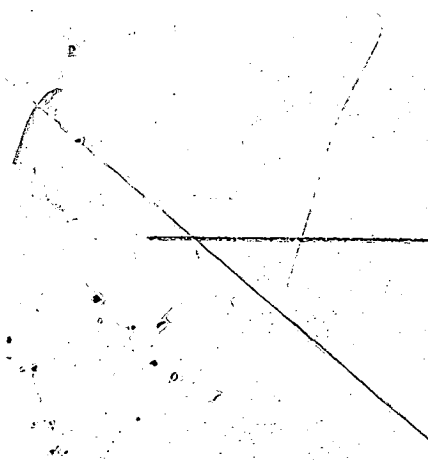
1150' ±

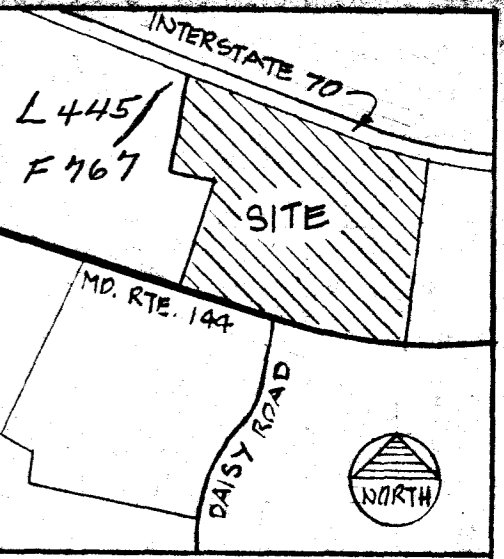
1700' ±

- INT. Elev. - 488'
- INT. Elev. - 485'
- EXISTING Elev. - 487'
- INT. Elev. - 484'
- EXIST. Elev. - 486'
- Perc. Elev. 486'

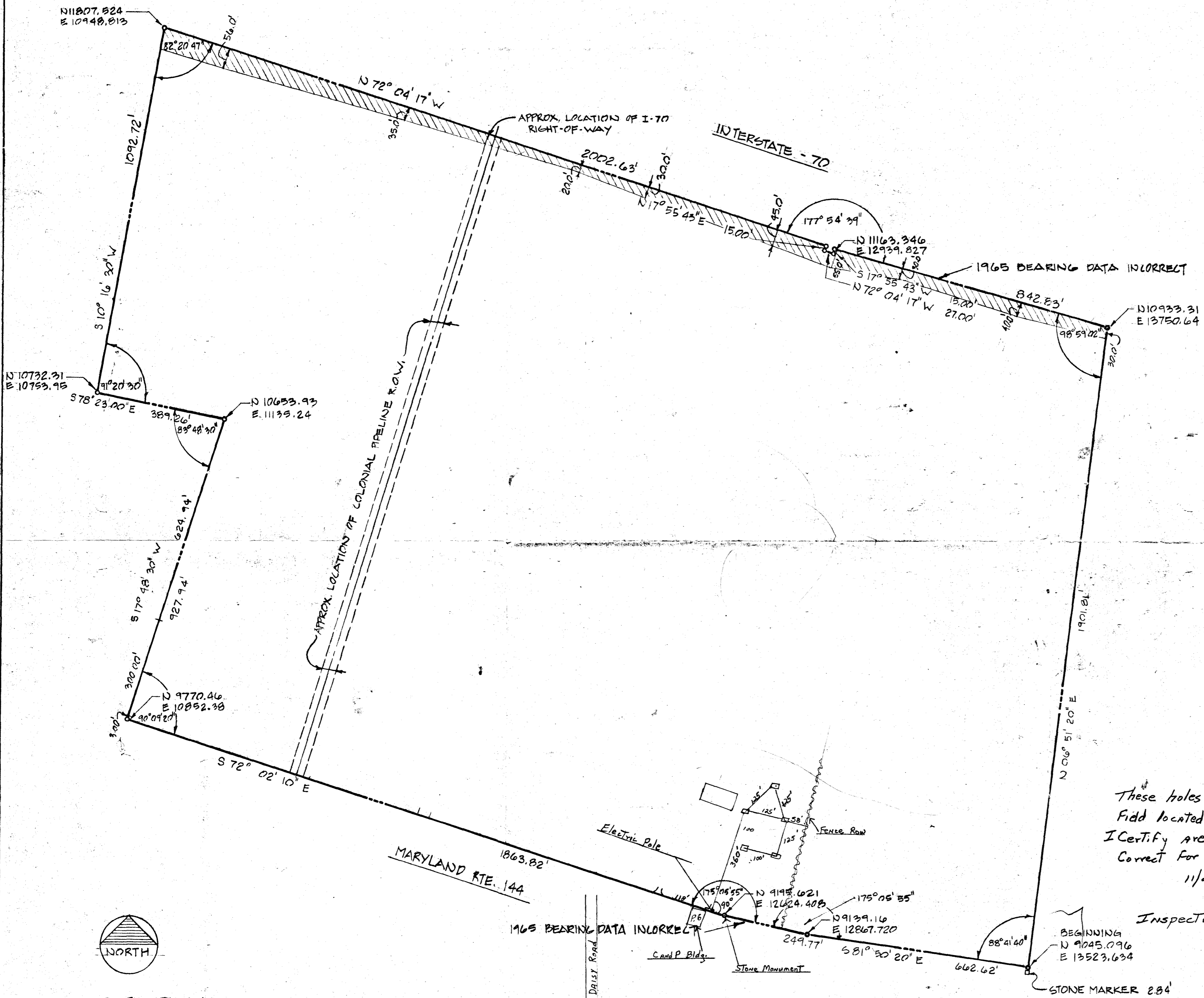
1100' ±

MD. Route # 144





KEY PLAN  
NO SCALE



These holes have been  
 Fidd located as shown (□)  
 I Certify are True and  
 Correct for Property.  
 11/23/79 *R. Hill*

Inspected by R. Hodges A 30215



SITE PLAN

NOTE: THE INFORMATION ON THIS DWG.  
 COMPILED FROM FILE NO. 65-2159  
 OF MADDOX & HOPKINS, INC.

SCALE: 1" = 200.00'

*R. Hill 442 2073*

Hanna Engineering Corporation Fire Protection-Safety-Const.-Codes 212 Washington Ave. 301 321-8824 TOWSON, MARYLAND 21204	M.D. BOWERS ASSOC. INC. DESIGN - DRAFTING 530 E. JOPPA ROAD TOWSON, MARYLAND 21204	COMPILATION OF INFORMATION FOR DR. F. GRANT HILL LISBON, MARYLAND SCALE AS NOTED 11-23-79 SHT. 1 OF 1
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mail 1009 Frederick Rd.  
 CATonsville, Md. 21228