

11-15-78 Final app. ff.

05-302165

4/11/78  
4/15/78 got  
not 4/16/78

# PERMIT

P 29195  
A 24235

SEWAGE DISPOSAL SYSTEM  
MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY  
DISTRICT 5th

## INDEXED

DATE 11/8/78

Roland Barth IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Riverside Estates ROAD Judy Lane LOT 3, Blk.H

PROPERTY OWNER Stanley Halle

ADDRESS \_\_\_\_\_

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS  
DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.  
DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.  
SEEPAGE PITS \_\_\_\_\_ ABSORBENT SIDE-WALL AREA \_\_\_\_\_ SQ. FT.  
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

DRAINFIELDS-Begin the drainfields at a point 15 ft. from the left property line as seen from the road and 144 ft. from the edge of the road. The drainfields will be dug 3 ft. wide, 7 ft. deep, and contain 1/2 ft. of stone. No trench shall be longer than 100 ft. and all trenches will follow the contour of the land. Space the trenches 10 ft. apart center-to-center. There will be no less than 150 sq. ft. of bottom area in the trenches per bedroom.

600

PLANS APPROVED BY R. Moorefield DATE 7/21/77

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.

BLDG. PERMIT SIGNED  
AND RETURNED 7/20/78  
Serial # 35986-SFD

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 24235



# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_  
REPAIR  
A 24235

DISTRICT 5th

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

DATE \_\_\_\_\_

DATE SYSTEM APPROVED 5/7/91

INSPECTOR JEN

Kurt Scharnhorst IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER  X

ADDRESS 10734 Judy Lane PHONE 531-5024/394-2494

SUBDIVISION Riverside Estates LOT 3, Blk. H ROAD 10734 Judy Lane

PROPERTY OWNER Kurt Scharnhorst  
10734 Judy Lane

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY \_\_\_\_\_ GALLONS

NUMBER OF BEDROOMS \_\_\_\_\_

\_\_\_\_\_ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED \_\_\_\_\_

*6/27/91  
NO FEE ON PERMIT REQUIRED  
FOR REPAIR OF EXISTING SUPPLY  
LINE (DISTRIBUTION BOX OK TOO).  
MAINTAIN COPY OF INSPECTION REPORT  
WITH PROPERTY RECORDS. (C.W.)*

REPAIR - PURPOSE - Sanitarian to inspect at time of excavation. To replace distribution box and line from septic tank.

PLANS APPROVED BY Jane Nadeau DATE 5/07/91

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

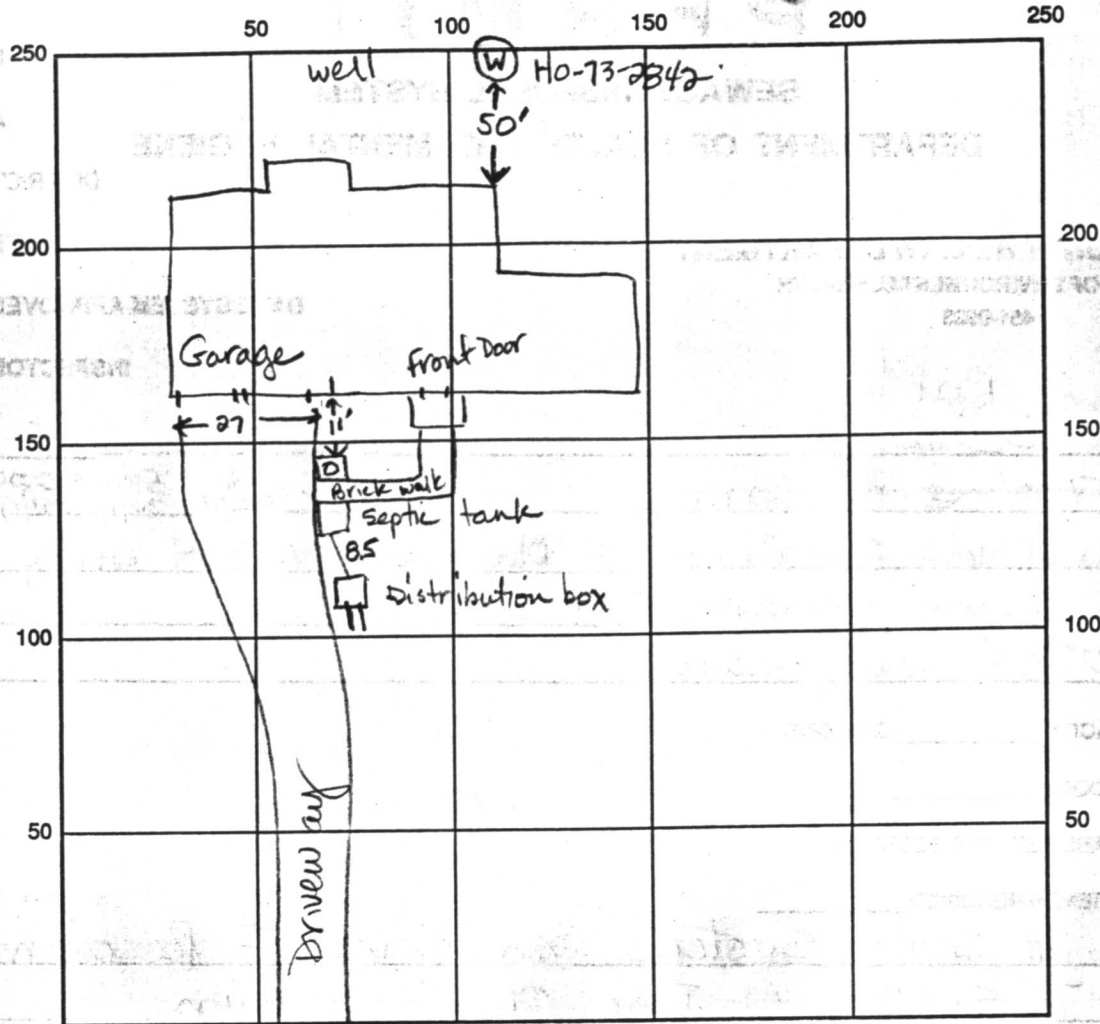
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL Existing CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL new box w/ baffle

DRAIN FIELD/TITLE DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH \_\_\_\_\_ FT. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 5-7-91 OK to cover all work. JEN

DATE SYSTEM APPROVED 5-7-91 INSPECTOR Jane E. Madson

# APPLICATION

A 24235

## 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 5th

DATE April 27, 1976

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 Residential Developers Inc.

ADDRESS P. O. Box 700, Seabrook, Maryland 20801 PHONE % William Miller 301-948-5115

PROPERTY LOCATION:

SUBDIVISION Riverside Estates LOT NO. 2 Block "C"

ROAD AND DESCRIPTION directions From Ellicott City South on Rt 29 Approximately 1000 feet South of Rt 32 to Vista Drive; West on Vista Drive to Long View

SIZE OF LOT Approximately one acre TYPE BLDG. 4 Bedroom

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_  
**(Single Family Dwelling)**

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

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

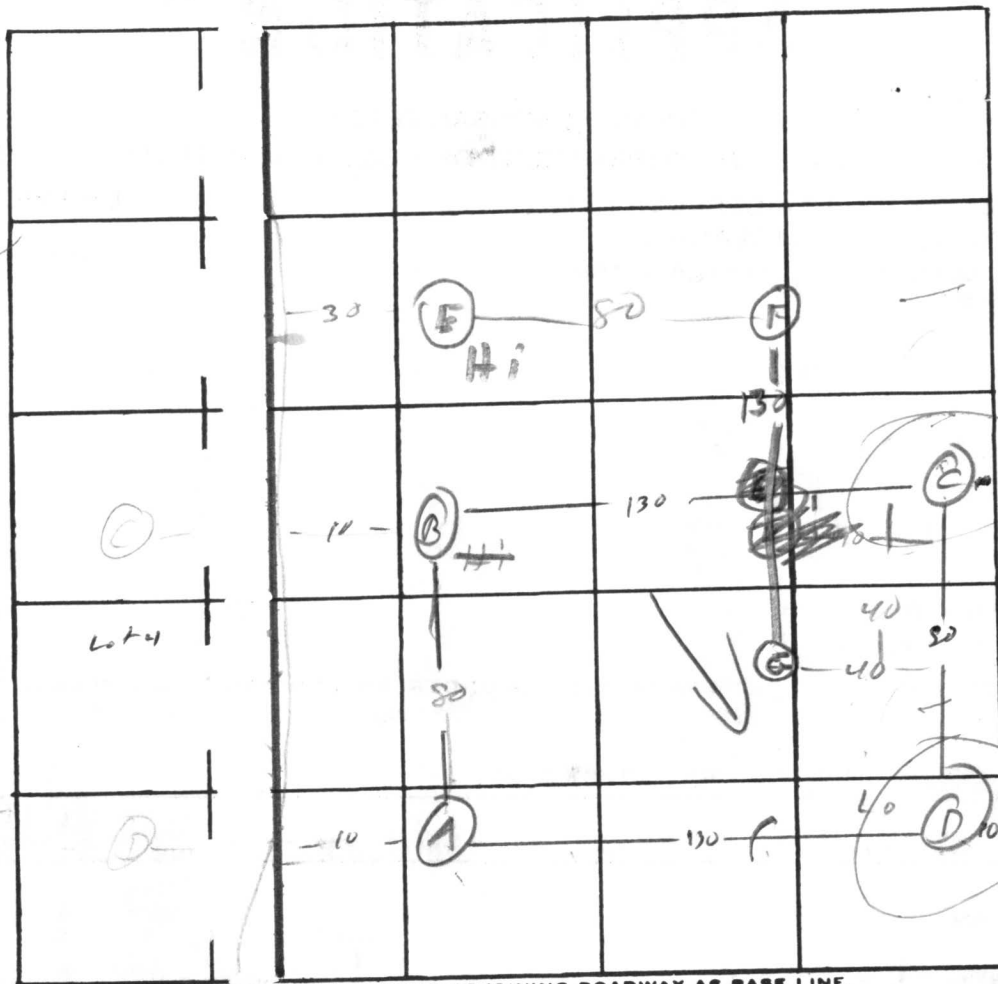
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

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

# THIS IS NOT A PERMIT



Lot 2  
3

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

(G)  
0-3' sandy clay  
3-13' sandy  
(F)  
0-13' sandy loam  
(E)  
0-3' sandy clay  
3-9-10' sandy loam  
11' Harder sandy

C  
0-10' sandy

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/11/76	A	12					
	A <sub>1</sub>						
	A <sub>2</sub>						
	B	3	11:25	11:26	11:26	11:30	4
	B <sub>1</sub>	12	11:26	11:29	11:29	11:42	13
	B <sub>2</sub>						
	C	3	10:46	10:51	10:51	11:05	14
	C <sub>1</sub>	11	10:48	11:02	11:02	11:22	20
	C <sub>2</sub>	12 1/2	water	@	120		
	D	3	11:03	11:11	11:11	11:15	4
	D <sub>1</sub>	10	Water	@	10'		
	D <sub>2</sub>	9	1:32	1:30	1:30	1:40	10
	E	3	10:52	10:58	10:58	11:00	4
	E <sub>1</sub>	13 1/2	10:52	10:57	10:52	11:03	6
	F	3	11:23	11:25	11:25	11:28	3
	F <sub>1</sub>	13	water	@	11 1/2 ft		
	E	3	11:00	11:52	11:52	11:55	3
	E <sub>1</sub>	11'	water	@	11'		
3/23/77	E <sub>3</sub>	10'	water	@	9 1/2'		

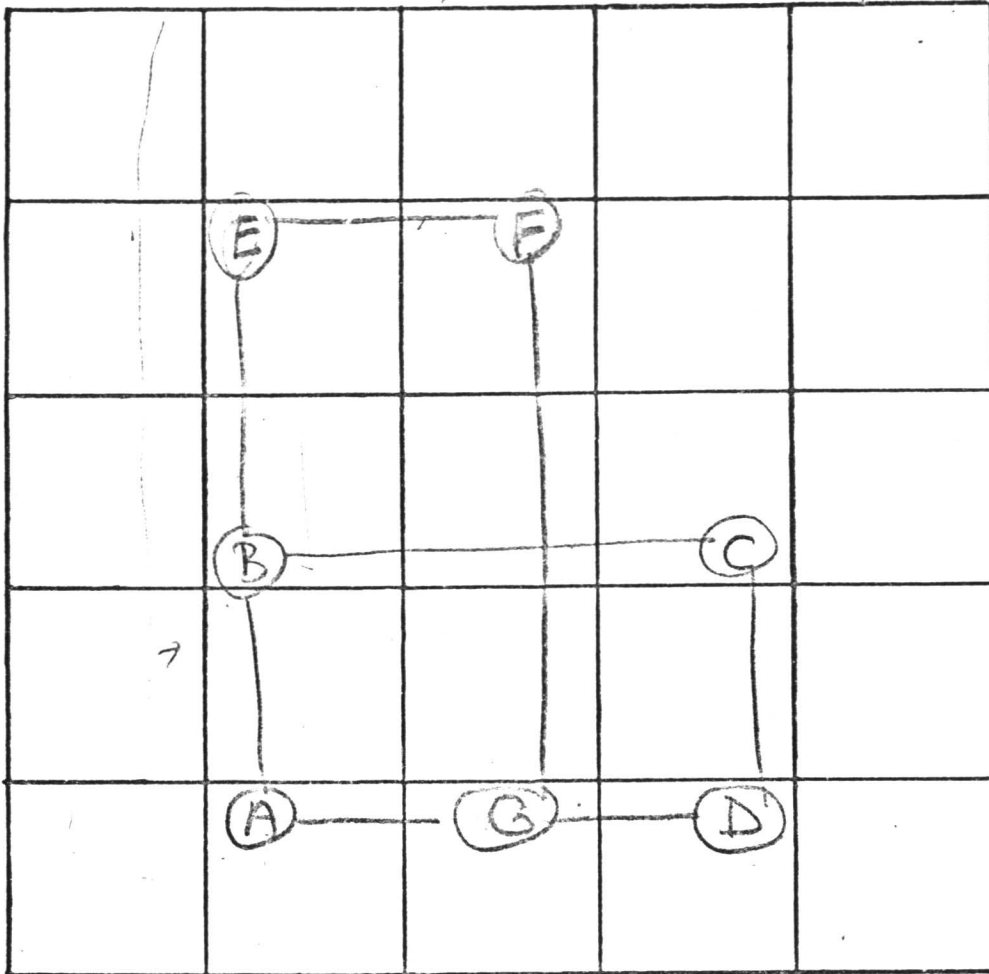
REMARKS

TYPE OF SOIL: tight sandy loam (some clay to 1-3' mixed)

TESTED BY: RM ALSO PRESENT: Bark

Lot #3 Retest 6/2/76

Test E, F, G



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

G Hole

1ft Topsoil  
Sand from  
1ft to  
13ft

F Hole

1ft Topsoil  
SAND  
from 1ft  
to 13ft

E Hole

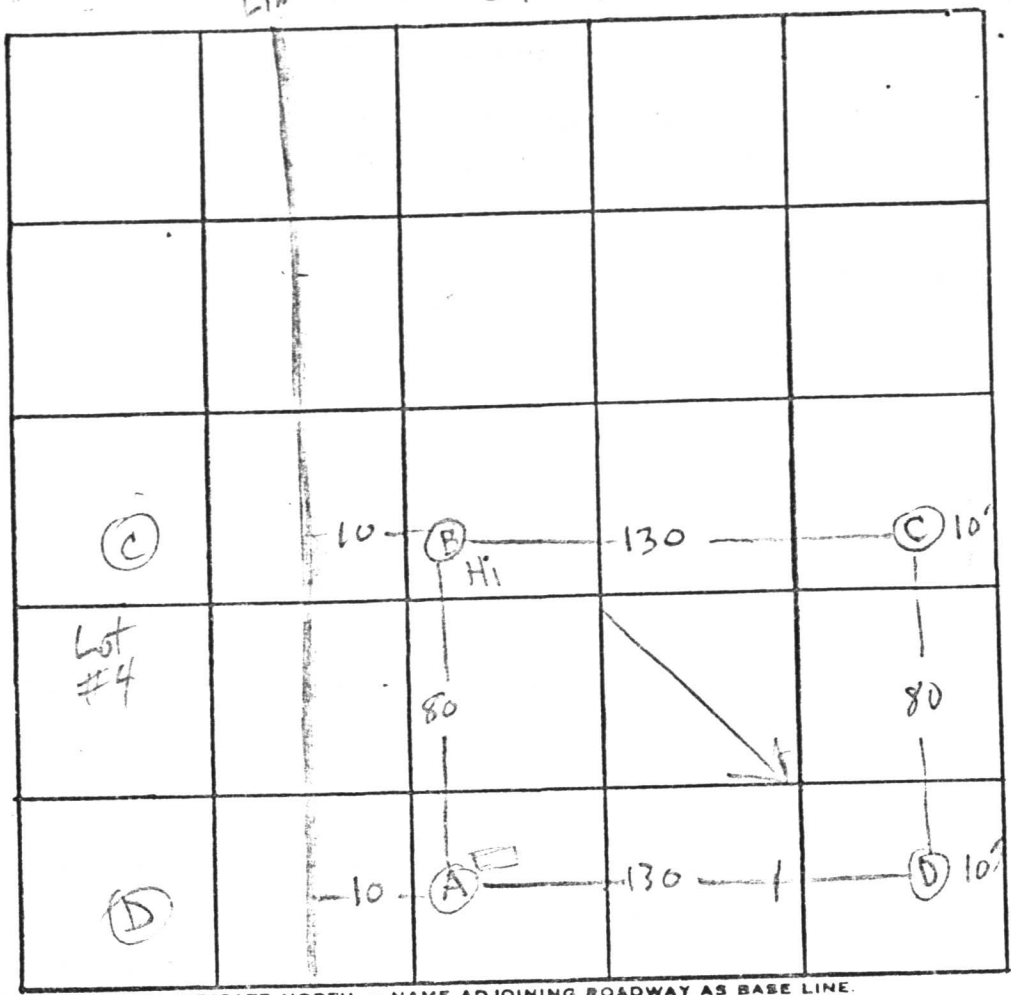
SAND  
from top  
to 11ft  
with  
chunks  
of SAND  
stone

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/2	G	3	10:52	10:56	10:56	11:00	4
	G <sub>1</sub>	13 1/2	10:52	10:57	10:57	11:03	6
	F	3	11:23	11:25	11:25	11:28	3
	F <sub>1</sub>	13	Water	@	11 1/2ft	—	—
	E	3					3
	E <sub>1</sub>	11	Water	@	11ft	—	—

REMARKS \_\_\_\_\_

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

Lot Line Lot 3c



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/11	A1	12					
	A2						
	B	3	11:25	11:26	11:25	11:30	4
	B1	12	11:26	11:29	11:29	11:42	13
	B2						
	C	3	10:40	10:51	10:41	10:50	10
	C1	11	10:42	10:57	10:52	11:02	20
	C2	12 1/2	Water	10	10		
	D	3	11:08	11:11	11:11	11:15	4
	D1	10	Water				
	D2	9	1:27	1:30	1:30	1:40	10

Look See

REMARKS \_\_\_\_\_  
 TYPE OF SOIL Tight Sandy Loam (Some clay to 1-3' mixed)  
 TESTED BY R.M ALSO PRESENT: Battle

C 1 7493. SEQUENCE NO. (WRA USE ONLY)

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 July 1978

8-13 15 20

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

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER \_\_\_\_\_

DEPTH OF WELL 145

22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"  
HO-73-2842

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 238

OWNER Stanley Communit... LAST NAME FIRST NAME

STREET OR RFD 4742 Annapolis Rd POST OFFICE ...

WELL DESCRIPTION

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	
<u>Sand</u>	<u>0</u>	<u>35</u>	
<u>Gray granite</u>	<u>35</u>	<u>145</u>	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES  NO

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

NO. OF BAGS 78 NO. OF POUNDS 2632

GALLONS OF WATER 168

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 0 FT. TO 38 FT.  
 (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE   
 PLASTIC  OTHER

MAIN CASING TYPE S NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 110

OTHER CASING (IF USED)

DIAMETER (INCH) \_\_\_\_\_ DEPTH (FEET) FROM \_\_\_\_\_ TO \_\_\_\_\_

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  OPEN HOLE   
 PLASTIC  OTHER

C 2 (SEQ. NO.)

DEPTH (NEAREST WHOLE FOOT) FROM TO

1	8	9	11	15	17	21
2	23	24	26	30	32	36
3	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 A FLOWING WELL CIRCLE BOX

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

TELESCOPE CASING  LOG INDICATOR  OTHER DATA AVAILABLE

C 3 (SEQ. NO.)

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 10

METHOD USED TO MEASURE PUMPING RATE ...

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 45 (NEAREST FOOT)  
 WHEN PUMPING 5 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)  
 AIR  PISTON  TURBINE  
 CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)  
 JET  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) YES  NO

CAPACITY:  
 GALLONS PER MINUTE (TO NEAREST GALLON) \_\_\_\_\_  
 PUMP HORSE POWER \_\_\_\_\_  
 PUMP COLUMN LENGTH (NEAREST FOOT) \_\_\_\_\_

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)  
 ABOVE } LAND SURFACE (NEAREST FOOT)  
 BELOW } 2

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

*18' to back lot line*  
*15' to well*

CIRCLE APPROPRIATE BOXES

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 \_\_\_\_\_

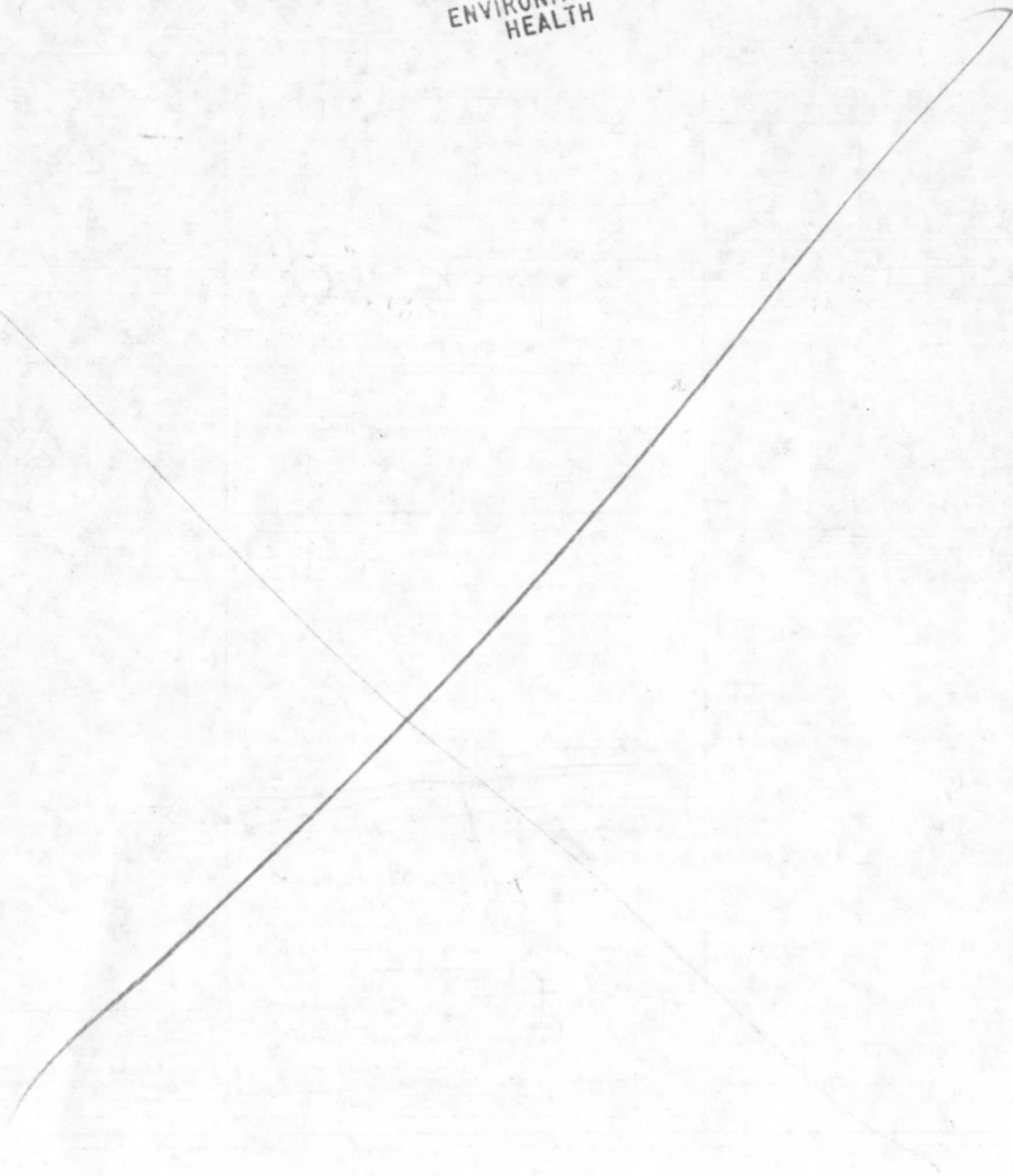
(PLEASE PRINT) Joseph L. May...

SIGNATURE Joseph L. May...

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.

MAY 21 9 46 AM '78

DIVISION OF  
ENVIRONMENTAL  
HEALTH



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