

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

03-304310

INDEX

approved
E 13 183
P 33008
A 24598

8/3/83
A.S.A.P.

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY

DISTRICT 3rd.

DATE 8/01/83

Freedom Sanitation Service

IS PERMITTED TO INSTALL ALTER

ADDRESS 2808 Liberty Road, Sykesville, Maryland 21784 PHONE 795-2947

SUBDIVISION Annandale ROAD 13392 Pipes Lane LOT 8, Section 1

PROPERTY OWNER Brian Mullinix PHONE: 489-4742

ADDRESS 13901 Burntwoods Road
Glenelg, Maryland

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

Absorbant Area per Bedroom 144 sq.-ft. Dry well inlet at 4 1/2 below original grade. Bottom depth is 11 1/2 ft. Absorbant area in dry well 350 sq. ft. LOCATION: 110 ft. from front lot line and 10 feet from right side line. TRENCH inlet 4 1/2 below original grade. Bottom depth of trench 11 1/2 feet. Length of trench 15 feet with absorbant area of 102 sq.ft. Run trench towards front of lot, 10 feet from property line. Leave a 5 ft. earth buffer between trench and dry well.

NOTE: If septic tank is 3 feet or more below grade, use manhole type cleanout to grade. Call for two (2) inspections of trench - before and after stone is installed.

8/2/83 OK to use trench only system; trench to be 90' long 2' wide, 10 1/2' deep with inlet at 4 1/2'. Locate trench as shown on attached diagram F.S.

18" trench width OK. if extra long trench is used F.S.

PLANS APPROVED BY David J. O'Neill DATE 8/16/76

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.

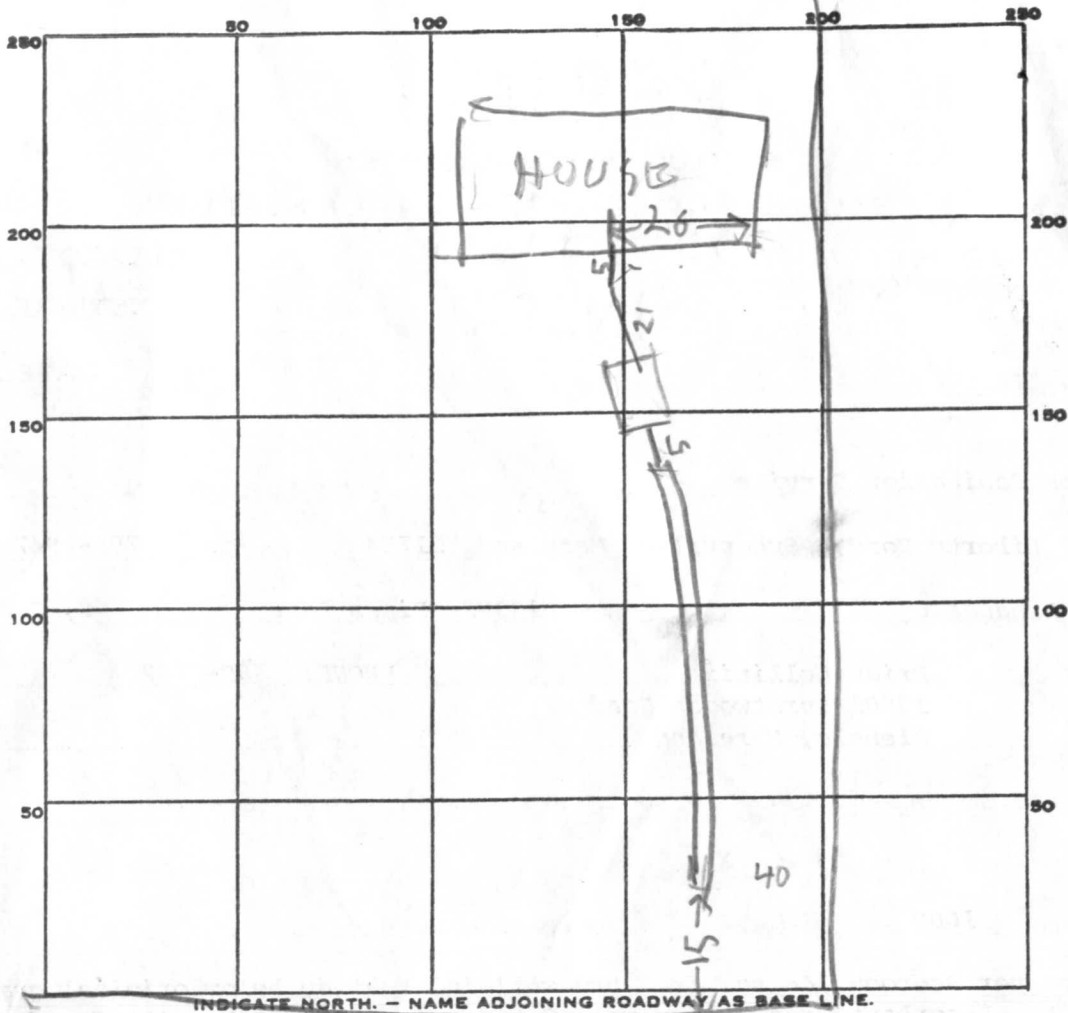
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 84698



PERMIT CARD _____

SEPTIC TANK, LEVEL 1006

CLEANOUTS ST NO OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 10 1/2 FT. TRENCH WIDTH 18-20" FT.

GRAVEL DEPTH 7 FT IN. TOTAL LENGTH 97 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 679

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 8/3/83^{am} ADD STONE & PIPE TO DITCH PUT
ST AND PIPE ON TANK. INSTALL SEWER LINES R/H
3 BR - 432 SQ FT REQUIRED R/H
8/3/83^{pm} - ABOVE ITEMS FINISHED R/H

DATE SYSTEM APPROVED 8/3/83

INSPECTOR Raymond Hedges

Preliminary
4-13-76
on 10,000 ft.

APPLICATION

A 24598

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 n 3rd

DATE 9/24/76

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 Fred James Pipes Brian Mullinix

ADDRESS 13555 Old Frederick Rd. Sykesville, Md. 21784 PHONE 489-4742

PROPERTY LOCATION: Glenelg, Md Secl 8

SUBDIVISION Annandale LOT NO. 33 33

ROAD AND DESCRIPTION 13398 Pipes Lane
Underwood Road

SIZE OF LOT 41,450 sq. ft. TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS
single family dwelling

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT /s/ Fred James Pipes

APPROVED BY A J O FOR Dw + Trans DATE 8-16-76
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 5/13/83
Serial # 53570 SFLL

THIS IS NOT A PERMIT

	4 1/2 - 13'		4 - 13'	
	100		100	
	5 - 13 1/2'		4 - 14'	

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

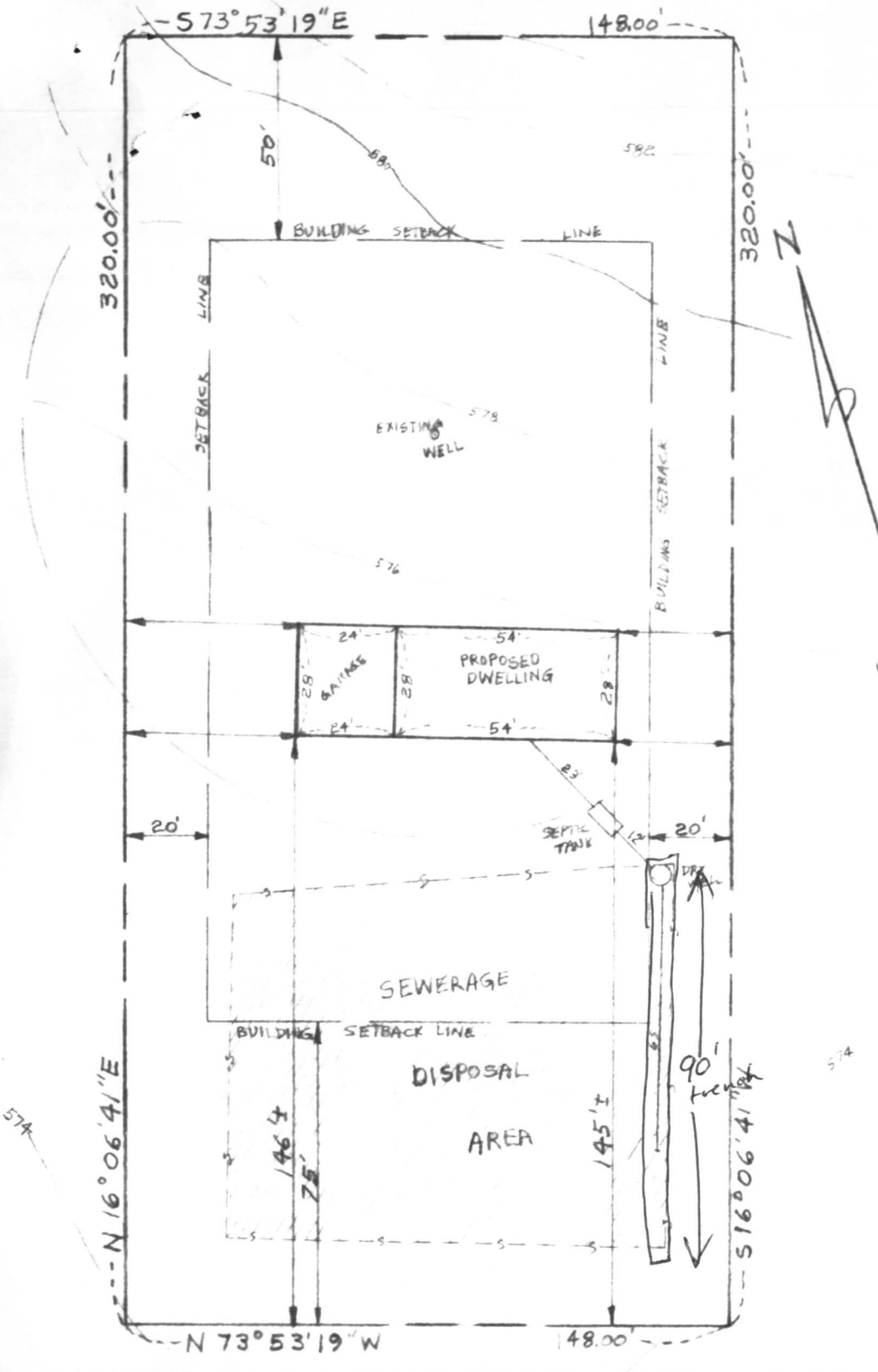
pi

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/1/68	1.5	5'	11:40	11:41	11:41	11:52	11
	1.6	12' 10"	11:41	11:44	11:44	12:02	12
	1.7	4' 6"	11:49			12:00	~8
	1.8	14'	11:52	11:58	11:58	12:10	22

REMARKS _____

TYPE OF SOIL _____

TESTED BY D. Wall ALSO PRESENT: W. J. Flow



SITE PLAN

PIPES LANE
 LOT 8
 SECTION ONE
 ANNANDALE
 ELECTION DISTRICT 3
 HOWARD COUNTY,
 MARYLAND

*5/13/83
 Sketch C.K.
 J.S.*

EXISTING GROUND	
AT DISTRIBUTION BOX	575.00
INV. IN DISTRIBUTION BOX	571.50
INV. OUT SEPTIC TANK	571.75
INV. IN SEPTIC TANK	572.15
INV. OUT DWELLING	572.65
FIRST FLOOR ELEV.	577.50
BASEMENT ELEV.	579.50
WELL ELEVATION	577.60
NO. OF BEDROOMS	3
ACREAGE	47360 SQ. FT.

NO PLUMBING
 IN BASEMENT

PIPES LANE (50' RW)

C 1 **7424** 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, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER A24598

DATE RECEIVED (WRA USE ONLY) _____ DATE WELL COMPLETED June 12 1978 DEPTH OF WELL 200 PERMIT NO. FROM "PERMIT TO DRILL WELL" 73-3273

8-13 15 20 22 (TO NEAREST FOOT) 26 28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 273

OWNER Mullinix LAST NAME BRIAN FIRST NAME
 STREET OR RFD 13901 Burntwoods Rd POST OFFICE GLENELEA, MD.

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	
Top Soil	0	2	
Sandy	2	30	✓
Sandstone	30	50	✓
GRAVEL	50	200	

GROUTING RECORD YES NO

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)

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

NO. OF BAGS 48 NO. OF POUNDS 1800

GALLONS OF WATER 108

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 46 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) 48

OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE
 PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)
 FROM 45 TO 200

EACH SCREEN	FROM		TO	
	8	9	11	15
	1	<u>45</u>	<u>200</u>	
2				
3				

SLOT SIZE 1, 2, 3,

C 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2

METHOD USED TO MEASURE PUMPING RATE Bu. Kot

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
 BEFORE PUMPING 30 (NEAREST FOOT)
 WHEN PUMPING 200 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
 AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 JET SUBMERSIBLE

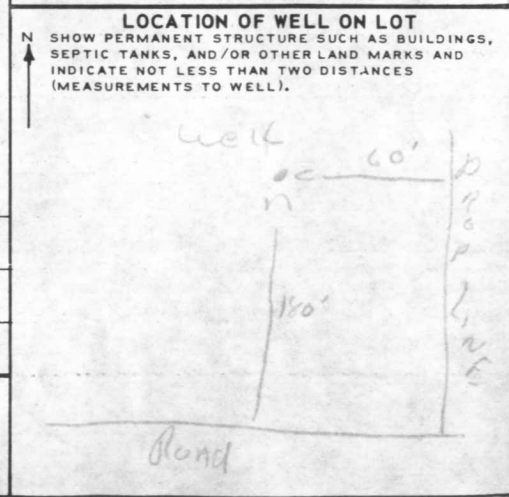
PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) 29

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)

CAPACITY:
 GALLONS PER MINUTE (TO NEAREST GALLON) 31 35
 PUMP HORSE POWER 37 41
 PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

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



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 Ralph Mayne

(PLEASE PRINT) Ralph Mayne

SIGNATURE Ralph Mayne

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO 60

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68

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

