

4/23/80
A.M. phase
4/24/80

Approved 4/24/80
J. Stayer
P 30643
A 29710

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

03-293319
INDEXED

ELLICOTT CITY

DISTRICT 3rd

DATE 4/22/80

Bollinger Brothers

IS PERMITTED TO INSTALL X ALTER

ADDRESS Bollinger Road, Westminster, Maryland

PHONE

SUBDIVISION ROAD 13433 Old Frederick Road LOT

PROPERTY OWNER Fred J. & Hattie Pipes

ADDRESS 13555 Old Frederick Road, Sykesville, Md. 21784

Phone: 442-2144

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 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

DRY WELL AND TRENCH - Dig pit 14 ft. square. Invert at 4 1/4 ft. below original grade and maximum depth 12 ft. below original grade. Trench to be at least 12 ft. long - 12 ft. deep - 7 1/2 ft. of stone. OR Dig pit 12 ft. square, same invert and depth. Trench to be at least 20 ft. long - 12 ft. deep - 7 1/2 ft. of stone. Locate dry well in 180 feet from edge of Underwood Road and 172 ft. down from edge of intersecting roads named Underwood Road and Old Frederick Road. Trench to follow contour of the land.

CALL FOR INSPECTION OF TRENCH BEFORE PLACING GRAVEL IN TRENCH.

PLANS APPROVED BY Charles B. Streaker & Donald W. Monaghan

DATE 4/23/79 & 4/24/79

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.**

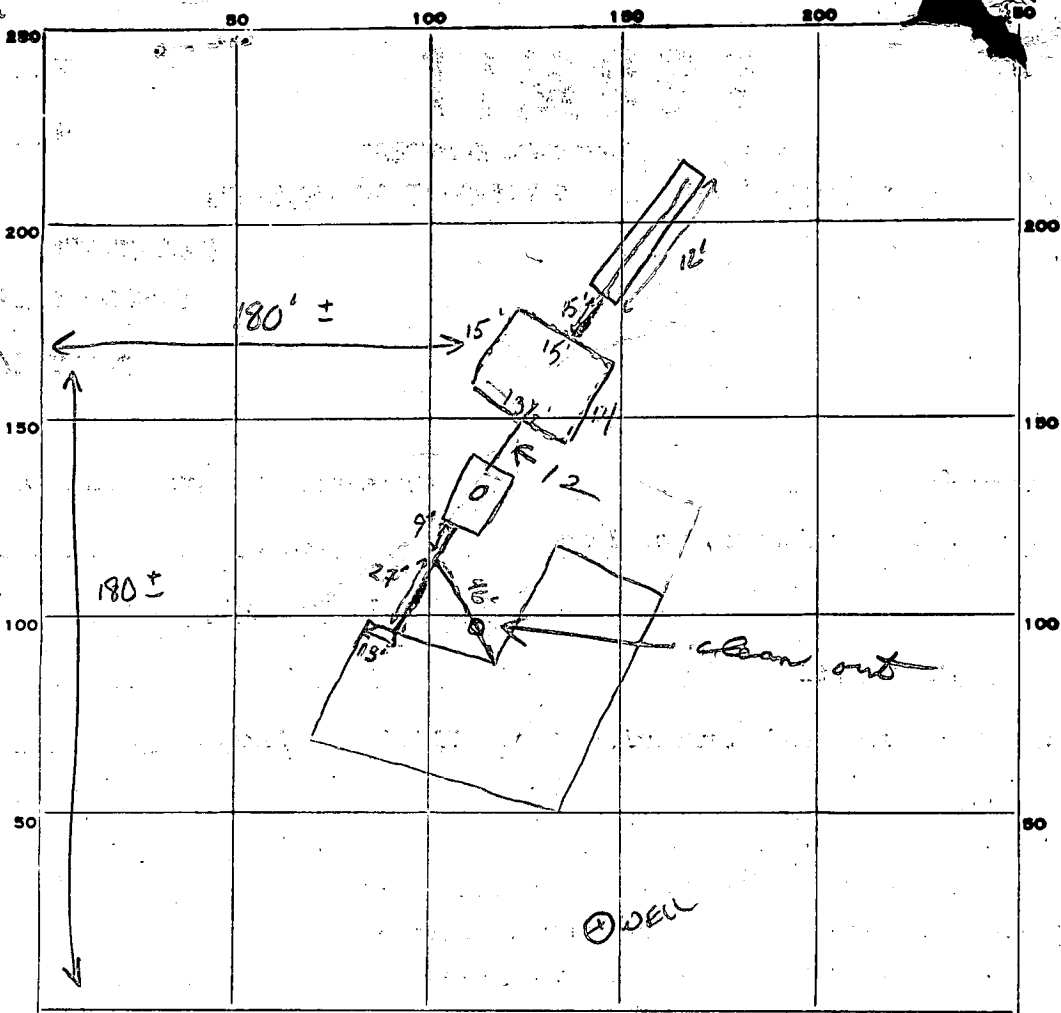
A 29710

125 sq ft / bedroom
3
375

30
27 1/2
57.5
7.5
27.75
40.25
430.25
50

1.2
7.8
60
84
90.0

Burntwood



D.W. 12' DEEP

PERMIT CARD OLD FREDRICK RD

SEPTIC TANK, LEVEL ☒

CLEANOUTS ST / DW
✓ / cast iron

DISTRIBUTION BOX, LEVEL

TRENCH
TILE FIELD, DEPTH 12 FT. TRENCH WIDTH 3' FT.

GRAVEL DEPTH 8 IN. TOTAL LENGTH 12' FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 90

PERIMETER
SEEPAGE PITS, INSIDE DIAMETER 57 1/2 FT. DEPTH BELOW INLET 7 1/2 FT.

ABSORBENT AREA 520 ± SQ. FT.

REMARKS 4-23-80 OK To add GRAVEL To TRENCH. MUST INSTALL CLEANOUT
ON LINE from pool SR + J.S

4/24/80 OK to cover all work. JS

DATE SYSTEM APPROVED 4/24/80

INSPECTOR J. Stayer

C 1	8173	SEQUENCE NO. (WRA USE ONLY)	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 <u>4-29710</u>
1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		DATE RECEIVED (WRA USE ONLY) <u>JUNE 18, 1979</u> DEPTH OF WELL <u>125</u> DATE WELL COMPLETED <u>125</u> (TO NEAREST FOOT) 26 PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>41-73-3294</u> 28 29 30 31 32 33 34 35 36 37 DRILLERS IDENTIFICATION NO. <u>2531</u>		

OWNER	LAST NAME <u>PIPES FRED</u>	FIRST NAME <u>SYKESVILLE MD 21784</u>
STREET OR RFD <u>13555 OLD FREDERICK RD.</u>		POST OFFICE

WELL LOG STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)</th> <th colspan="2">FEET</th> <th rowspan="2">CHECK IF WATER BEARING</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Top So. L</td> <td>0</td> <td>2</td> <td></td> </tr> <tr> <td>Sandy</td> <td>2</td> <td>15</td> <td></td> </tr> <tr> <td>Sandstone</td> <td>15</td> <td>50</td> <td>✓</td> </tr> <tr> <td>GRAVEL</td> <td>50</td> <td>125</td> <td></td> </tr> </tbody> </table>	DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING	FROM	TO	Top So. L	0	2		Sandy	2	15		Sandstone	15	50	✓	GRAVEL	50	125		GROUTING RECORD YES ☒ NO ☐ WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT ☒ BENTONITE CLAY ☐ NO. OF BAGS <u>14</u> NO. OF POUNDS <u>1400</u> GALLONS OF WATER <u>84</u> DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM <u>0</u> FT. TO <u>26</u> FT. (ENTER 0 IF FROM SURFACE) CASING RECORD INSERT APPROPRIATE CODE BELOW STEEL ☒ CONCRETE ☐ PLASTIC ☐ OTHER ☐ MAIN CASING TYPE <u>S +</u> NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) <u>6</u> TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) <u>28</u> 60 61 63 64 66 70 OTHER CASING (IF USED) DIAMETER (INCH) FROM TO 60 61 63 64 66 70 SCREEN RECORD INSERT APPROPRIATE CODE BELOW STEEL ☐ BRASS OR BRONZE ☒ PLASTIC ☐ OTHER ☐ C 2 1 2 3 (SEQ. NO.) 6 DEPTH (NEAREST WHOLE FOOT) FROM <u>26</u> TO <u>125</u> 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51 SLOT SIZE 1. 2. 3. DIAMETER OF SCREEN <u>56</u> (NEAREST INCH) FROM TO GRAVEL PACK <u>56</u> TO <u>60</u> IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX <u>68</u> F WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W O 70 72 74 75 76 TELESCOPE LOG OTHER DATA CASING INDICATOR AVAILABLE	PUMPING TEST HOURS PUMPED (TO NEAREST HOUR) <u>5</u> PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) <u>20</u> METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u> WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING <u>45</u> (NEAREST FOOT) WHEN PUMPING <u>125</u> (NEAREST FOOT) TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST) A AIR ☒ P PISTON ☐ T TURBINE ☐ C CENTRIFUGAL ☐ R ROTARY ☐ O OTHER (DESCRIBE BELOW) ☐ J JET ☐ S SUBMERSIBLE ☐ PUMP INSTALLED TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) <u>29</u> DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES ☐ NO ☒ CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) <u>31</u> <u>35</u> PUMP HORSE POWER <u>37</u> <u>41</u> PUMP COLUMN LENGTH (NEAREST FOOT) <u>43</u> <u>47</u> CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT) + ABOVE } LAND SURFACE - BELOW } <u>2</u> (NEAREST FOOT) 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). 50' 50' well 50' 50' well
DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)		FEET			CHECK IF WATER BEARING																			
	FROM	TO																						
Top So. L	0	2																						
Sandy	2	15																						
Sandstone	15	50	✓																					
GRAVEL	50	125																						

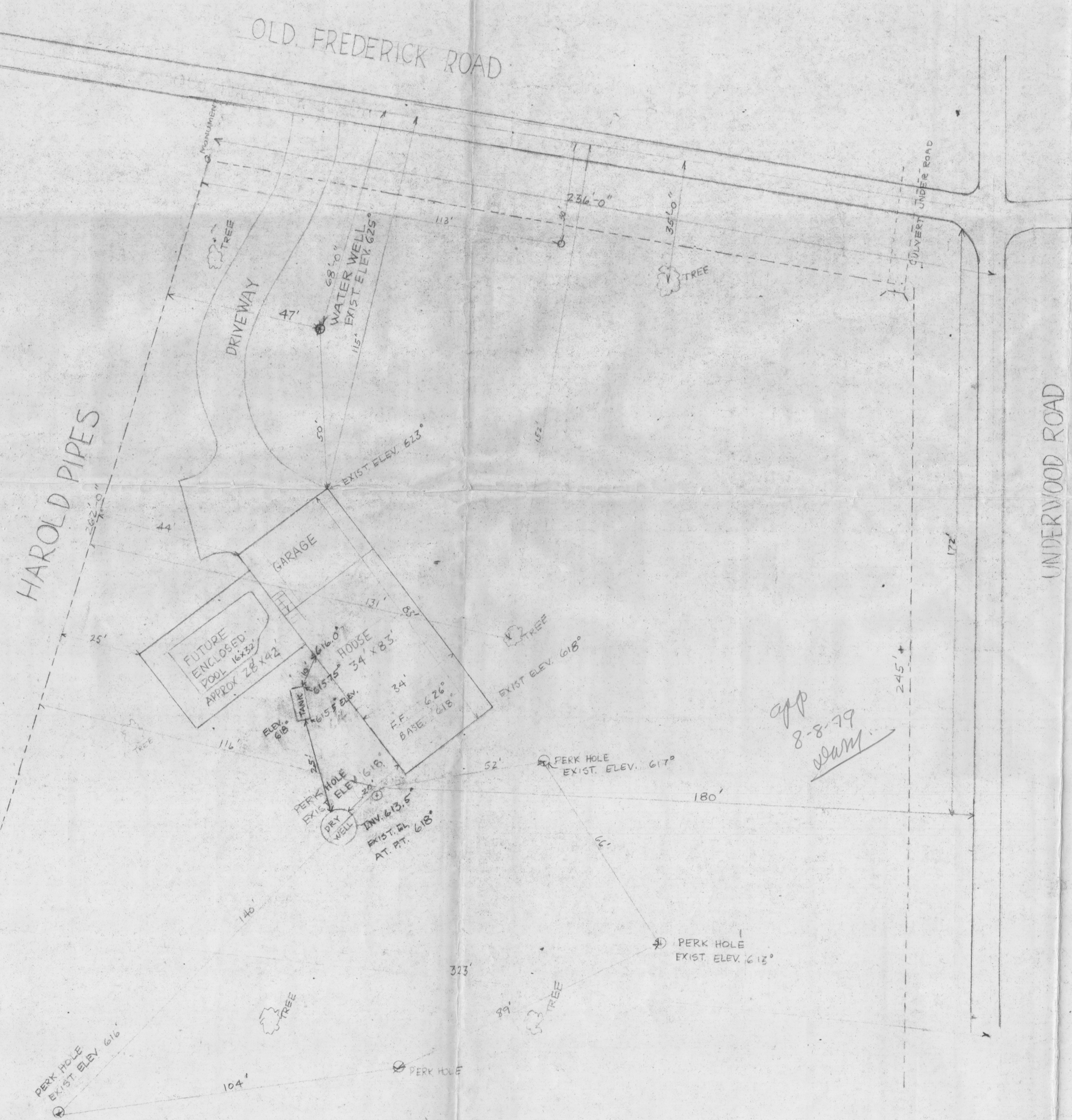
CIRCLE APPROPRIATE BOXES ☐ A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ☐ E ELECTRIC LOG OBTAINED ☐ P TEST WELL CONVERTED TO PRODUCTION WELL I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF. DRILLERS NAME <u>Ralph Mayne</u> (PLEASE PRINT) <u>Ralph Mayne</u> SIGNATURE <u>Ralph Mayne</u>	HEALTH
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STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL		WRA PERMIT NUMBER 40703294	
1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		4950	
DATE RECEIVED (WRA USE ONLY) 6/18/79 1:30 1st		OWNER Kiloss Fred M. Mother	
STREET OR RFD 13555 Old Frederick Rd		FIRST NAME Fred	
POST OFFICE Sunderville 2178423 3294		LAST NAME Mother	
DRILLER INFORMATION 1 2 3 (SEQ. NO.) 6 DATE May 8, 1979 LICENSE NUMBER 273		LOCATION OF WELL 1 2 3 (SEQ. NO.) 6 COUNTY Howard	
FIRST NAME Ralph DRILLER Mayne LAST NAME		SUBDIVISION Old Frederick Rd	
SIGNATURE Ralph Mayne		SECTION 44 LOT 48	
NEAREST TOWN Slacks Corner		MILES FROM TOWN (ENTER 0 IF IN TOWN) 3	
WELL INFORMATION 1 2 3 (SEQ. NO.) 6 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5		DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX) ☐ N NORTH ☐ E EAST ☐ NE NORTHEAST ☐ SE SOUTHEAST	
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 500		☐ S SOUTH ☒ W WEST ☐ NW NORTHWEST ☐ SW SOUTHWEST	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING, AGRICULTURE, IRRIGATION ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT. ☐ MUNICIPAL WATER SUPPLY ☐ PRIVATE WATER COMPANY ☐ TEST		NEAR ROAD UNDERWOOD LA ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) ☐ N NORTH ☒ S SOUTH ☐ E EAST ☐ W WEST	
APPROXIMATE DEPTH OF WELL 150 FEET		DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 34	
APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)		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.	
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD) ☒ BORED (OR AUGERED) ☐ JETTED ☐ DRIVEN		28'-CASING 2'-ABOVE GR 26'-OPEN 14-BAGS CEMENT PIPES LA	
OTHER (DESCRIBE)		6/18/79 SKETCH	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)		BOX NUMBER 540	
NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY) APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 63		NORTH COORDINATE 50 51 52 53 54 55	
FORCE 67 68 WRITE INITIALS IN BOX MD CONDITIONS 70 71 72 73 74 75 76 77 78 79		EAST COORDINATE 57 58 59 60 61 62 63	
HEALTH DEPARTMENT APPROVAL 1 2 3 (SEQ. NO.) 6 DATE 051170 STATE HEALTH (CIRCLE BOX) S COUNTY NAME Howard COUNTY NO. 429710		ELEVATION AT WELL HEAD (FEET) 65 66 67 68	
APPROVED BY Donald W. Mangham		0/0	
SPECIAL CONDITIONS 8-63 (WRA USE ONLY)		8/0	

A29710

HEALTH

FRED & HATTIE PIPES' FARM



TITLE		PLOT PLAN	
PROJECT		FRED & HATTIE PIPES OLD FREDERICK ROAD & UNDERWOOD RD.	
LOCATION		THIRD DISTRICT HOWARD CO., MD.	
DATE	JULY 12, 1979	DRAWN BY	MARY E. F. STRECKER
SCALE	1" = 20'-0"		ROUTE 144 WEST FRIENDSHIP MD.
		DRWG NO.	3 OF 5 442-2409 2/7/79

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

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

A 29710

P

Septic Tank { 1-3 Bedrooms 1000 gallons
4 Bedrooms 1250 gallons

Do well to have 125 sq. ft.

DISTRICT

Third

effective absorption sidewalk

DATE

3/27/79

area per bedroom below inlet, inlet to be 4 1/2' below original grade and maximum depth 12'

Location per tape measurement 180' in from edge of Underwood

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 J. Pipes - Hattie Pipes some depth + invert as shown

ADDRESS

13555 Old Frederick Rd, Sykesville 21784 PHONE 412-2144

PROPERTY LOCATION:

Third Dis

SUBDIVISION

LOT NO.

ROAD AND DESCRIPTION

13433 Old Frederick Rd. - Come to Underwood Road where it crosses Old Frederick - property is on left.

SIZE OF LOT

134 A

TYPE BLDG.

Detached 3 Bedroom

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.

BLDG. PERMIT SIGNED

AND RETURNED 8/8/79

SIGNATURE OF APPLICANT

Fred J. Pipes and Hattie Pipes Serial No. 40813

BLDG. PERMIT SIGNED

APPROVED BY

FOR

AND RETURNED 10/2/79

REJECTED BY

FOR

Serial No. 41486
Pool Permit

HOLD PENDING FURTHER TESTS

DATE

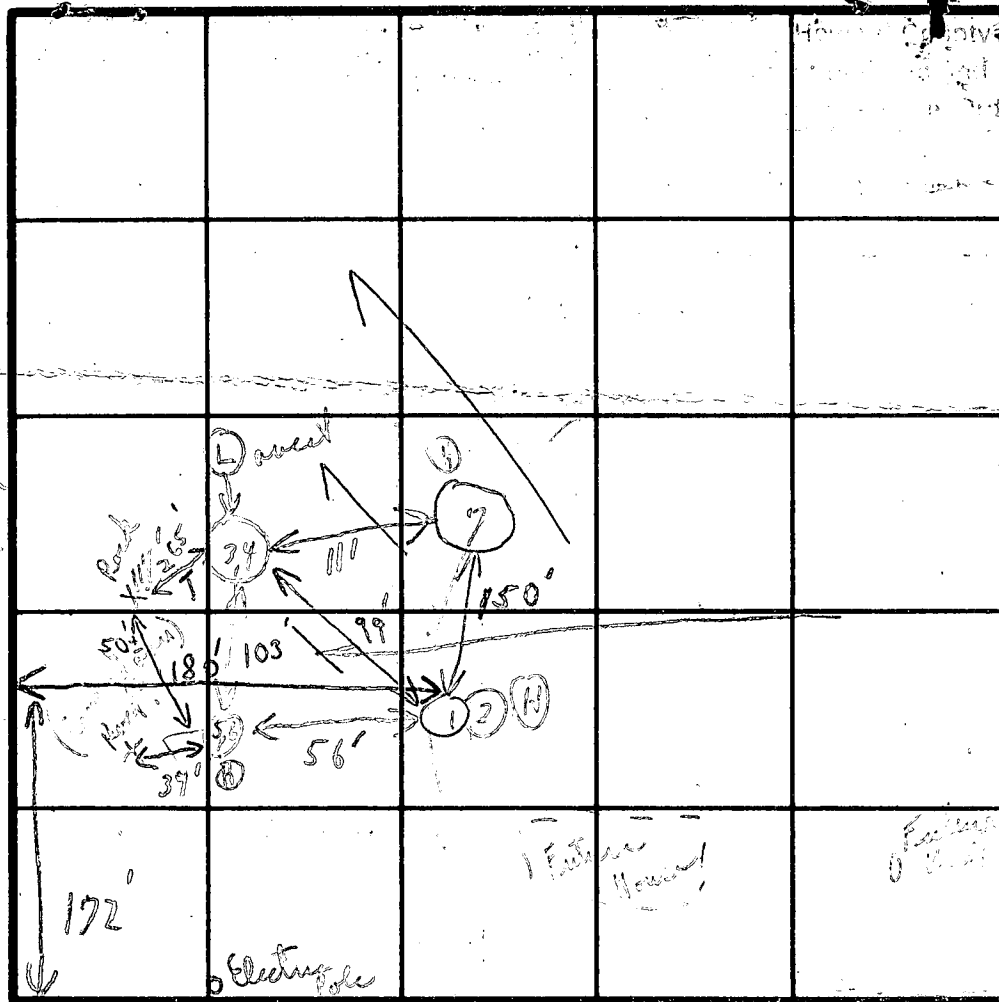
REASONS FOR REJECTION OR HOLDING

4/23/79 send house plans example - have notes - then to show pipe holes on it. (2) Hold for house plan showing pipe holes P.M. 4/23/79 sent via secretaries. C.B.C. (3) copy of spec sent also C.B.C.

THIS IS NOT A PERMIT

SOIL PROFILE

Below clay
sandy loam



Field
Grounds
Tests
and
plans

East of House

House

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RX32 Rd

Old Frederick Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/23/72	1	4 1/2'	9:53	9:56	9:56	10:02	6 in
	(H) 2	13 1/2'	9:55	10:03	10:03	10:13	10 in
	3	4'	10:25	10:27	10:27	10:29	2 in
	(H) 4	13 1/2'	10:24	10:28	10:28	10:34	6 in
	(H) 5	4'	9:57	10:01	10:01	10:13	12 in
	6	13 1/2'	10:08	10:12	10:12	10:19	7 in
	(H) 7	4'-13'	Visual		sandy loam		
						6 43	

Subl
4 1/2'

125 sy
fd per
shed
8 in

REMARKS

(Tests in open field) Near Road
Shed House plan

TYPE OF SOIL

TESTED BY

C. B. S.

ALSO PRESENT

Mr. Fred Rogers
owner