

04-339370

APPROVED

9/16/83

RH

P 32379

A 25590

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

ELLICOTT CITY

DISTRICT 4th

DATE Dec. 21, 1982

INDEX

~~12/21/82~~

~~Amplified~~

Olen Ketterman

IS PERMITTED TO INSTALL ALTER

ADDRESS 14960 Frederick Road, Woodbine, Md. 21797 PHONE 442-1336

SUBDIVISION Jayco property ROAD 2260 Duvall Rd. LOT 13

PROPERTY OWNER Fredrick G. & Sharen L. Zacharia

ADDRESS 910 Venice Dr., Silver Spring, Md. 20904 Phone: 622-4046

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

Drywell and trench system to have 135 sq. ft. effective sidewall absorption area per bedroom to begin below the first 3 ft. of non-porous soil. Max. depth permitted for drywell or trench is 9 ft. below original grade. Place the drywell 255 ft. from the rear lot line and 135 ft. from the right side line, as seen when facing the property from Duvall Rd. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground the necessary distance. Call for inspection of trench before gravel is installed.

NOTE: If trenches only are to be used then 168 sq. ft. of absorbant area per bedroom is required (or 112 linear feet of trench in 2 trenches)

PLANS APPROVED BY Frank Skinner DATE 9;/ 18 / 78

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.

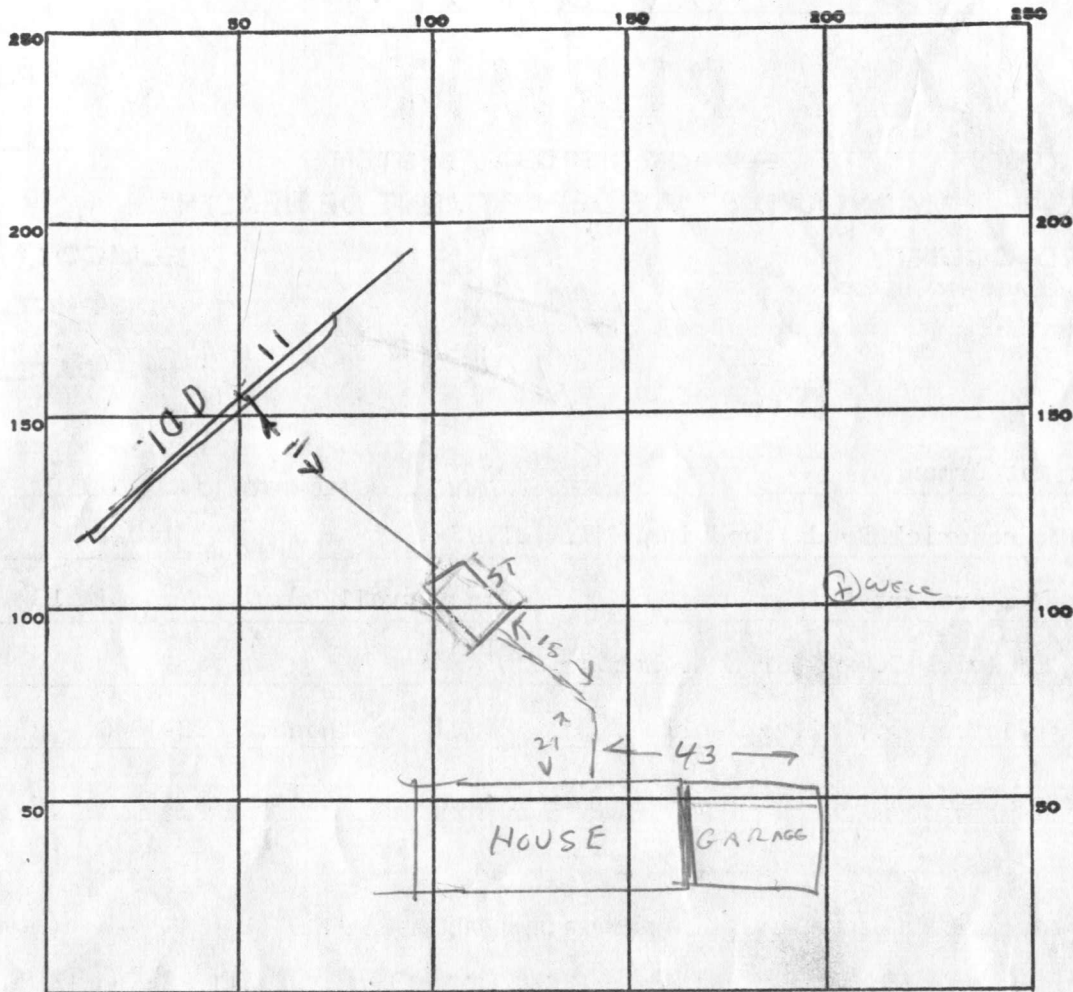
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

25690

9/16/83
after lunch



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL _____

CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 18 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 FT. IN. TOTAL LENGTH 111 FT.

NUMBER OF TRENCHES 2 TOTAL ^{ONESIDE} BOTTOM AREA 666

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

ABSORBENT AREA _____ SQ. FT.

REMARKS ST SET 8' DEEP - NEED WELL RINGS FOR CLEANOUT 9/13/83

MAN HOLE INSTALLED. DITCH DUG

ADD STONE TO DITCH & CALL RH

9/16/83 STONE ADDED TO DITCH

135 X 4 1/2 540 SQ FT REQUIRED

DATE SYSTEM APPROVED 9/16/83 INSPECTOR Raymond Hodges

PRELIMINARY

APPLICATION

A 25590

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT ^{3 B.R.} | ^{4 B.R. per 50520} DISTRICT 4th
ENVIRONMENTAL HEALTH SERVICES ^{100 gal. sept tank} | ^{1250 gal. sept tank} DATE 4/6/77

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

Drywell and trench system to have 135 sq. ft. effective sidewall absorption area per bedroom to begin below the first 3 ft. of non porous soil. Maximum depth permitted for drywell or trench is 9 ft. below original grade. Place the drywell 225 ft. from the rear lot line and 135 ft. from the right side line, as seen when facing the property from Duvall Road. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground the necessary distance. Call for inspection of trench before gravel is installed. NOTE: If trenches only are to be used then 168 SQ. FT. of absorption area per bedroom is required (or 112 linear feet of trench) in 2 trenches

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

PROPERTY OWNER William L. Swann Fredrick G. & Sharon L. Zacharia

ADDRESS 12979 Clarksville Pike, Highland, Md. 910 Venice Dr Silver Spring, Md 20904 PHONE 286-2608 622-9046

PROPERTY LOCATION:
SUBDIVISION Jaycox property LOT NO. 15-13

ROAD AND DESCRIPTION 2260 Duvall Road

SIZE OF LOT 6.487 acres ~~5~~ acres m/l TYPE BLDG. 4 bedrooms NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT /s/ William L. Swann

APPROVED BY Frank Steiner FOR Drywell & Trenches DATE 9/18/78
(KIND OF SYSTEM)

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

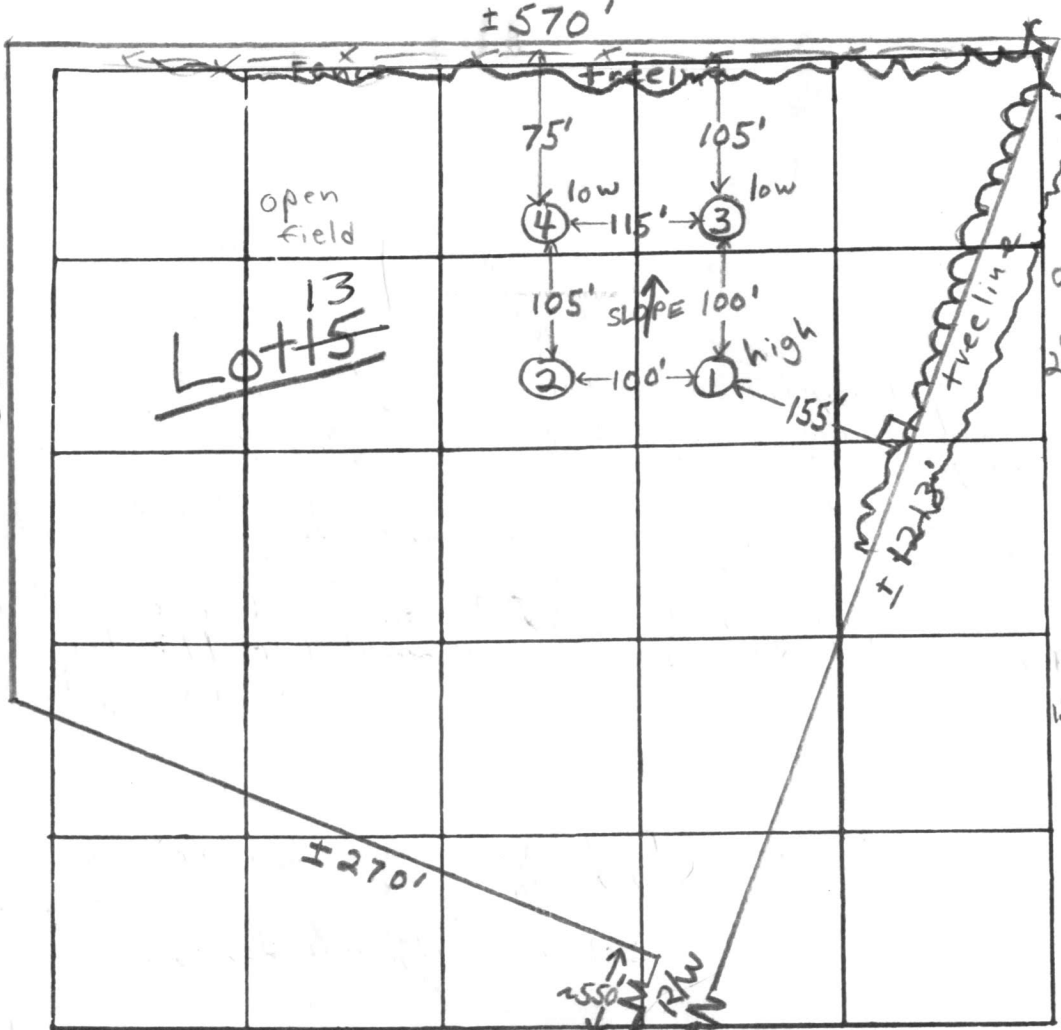
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4/29/77 Perc. O.K. G.S.

BLDG. PERMIT SIGNED AND RETURNED 4/11/77
Serial #50520

THIS IS NOT A PERMIT

50' R/W Colonial Gas Pipeline
±387'



all holes

1/4 valley

Silty loam

INDICATE NORTH HERE ASSUMING ROADWAY AS BASE LINE

DUVALL ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/27/77	1 high	3'	11:29	11:32	11:32	11:36	4 min	
	1A	12 1/2'	11:29	11:32	11:32	11:39	7 min	
	2	12 1/2'	Clayey to 2'; silty loam below					
	3 low	3'	11:42	11:45	11:45	11:53	8 min	
	3A	11 1/2'	11:42	11:52	11:52	12:07	15 min	
	4 low	3'	12:07	12:09	12:09	12:13	4 min	
	4A	12'	11:57	12:05	12:05	12:20	15 min	

REMARKS ③ & ④ ~ same elevation; Certify test hole location

TYPE OF SOIL clayey to 2-3'; silty loam below

TESTED BY F.S.

ALSO PRESENT: O. Ketterman & crew

C 1 3195 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER A25590

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

Date Received (OEP use only)

DATE WELL COMPLETED 06/08/2

Depth of Well 135 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HQ-73-9198

OWNER Zacharia Frederick last name first name STREET OR RFD Duvall Road TOWN Daisy SUBDIVISION C. Milton Joyack property SECTION LOT 13

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Brown Shale, Blue Slate, etc.

WELL HAS BEEN GROUTED YES NO TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter top/main casing Total depth of main casing

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

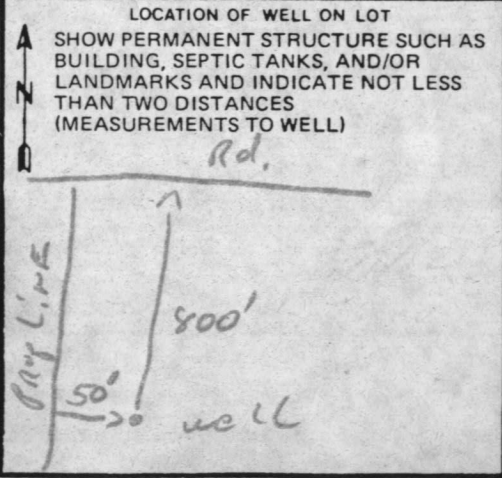
SCREEN RECORD screen type or open hole insert appropriate code below DEPTH (nearest ft.)

SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH) GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

PUMPING TEST HOURS PUMPED PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE



CIRCLE APPROPRIATE BOX A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT.

DRILLERS IDENT. NO. 223 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR sign of driller or journeyman responsible for sitework if different from permittee

TELESCOPE CASING LOG INDICATOR OTHER DATA

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

JUN 22 9 38 AM '87

DIVISION OF
ENVIRONMENTAL
HEALTH

DUVALL ROAD

553°52'47"E
200.00' 147.21

568 18 73W
146.14'

470

1177.66

460 N68° 18' 23" E

LOT 13
6.487 ac.

8/11/82
Sketch boundary OK
for 4 B.R. from
15' sit

HOUSE:	
FIRST FLOOR ELEV.	465.0
BASEMENT ELEV.	457.0
INVERT @ HOUSE	456.29
SEPTIC TANK:	
EXISTING GRADE	461.0
PROPOSED GRADE	461.0
INVERT IN	455.87
INVERT OUT	455.62
DISTRIBUTION BOX:	
EXISTING GRADE	458.2
PROPOSED GRADE	458.2
INVERT	455.20

GRADING STUDY

LOT 13

C. MILTON JAYCOX PROPERTY

PLAT #4043

4th ELECTION DISTRICT

HOWARD COUNTY MARYLAND

SCALE 1"=50' DATE 8/12/82

TRENCHES:
2' wide
9' deep
6' of stone
#1 40' long
#2 50' long

I certify the above measurements & elevations are actual and true for this property.

J. Carl Hudgins
J. Carl Hudgins

