

P.C.O. → 3/31/78 Hold for supervisor C.B.R.

3/31/78
3/30/78
a.m. please

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 2/14/78

INDEXED

Jack Fyock IS PERMITTED TO INSTALL X ALTER

ADDRESS Glenelg, Md. PHONE _____

SUBDIVISION _____ ROAD 5400 Ten Oaks Road LOT 5A

PROPERTY OWNER Brian Willson

ADDRESS Box 34, Sandy Spring, Md. 20810

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 165 SQ. FT. per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 63 FT. FROM rear LOT LINE AND 160 FT. FROM left LOT LINE AS SEEN WHEN

FACING LOT FROM the right of way off Ten Oaks Road.

If trenches are used, a 5 ft. earth buffer between trench and dry well is required.

Trench must be placed on level ground.

PLANS APPROVED BY Frank Skinner DATE 1/9/78

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 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.

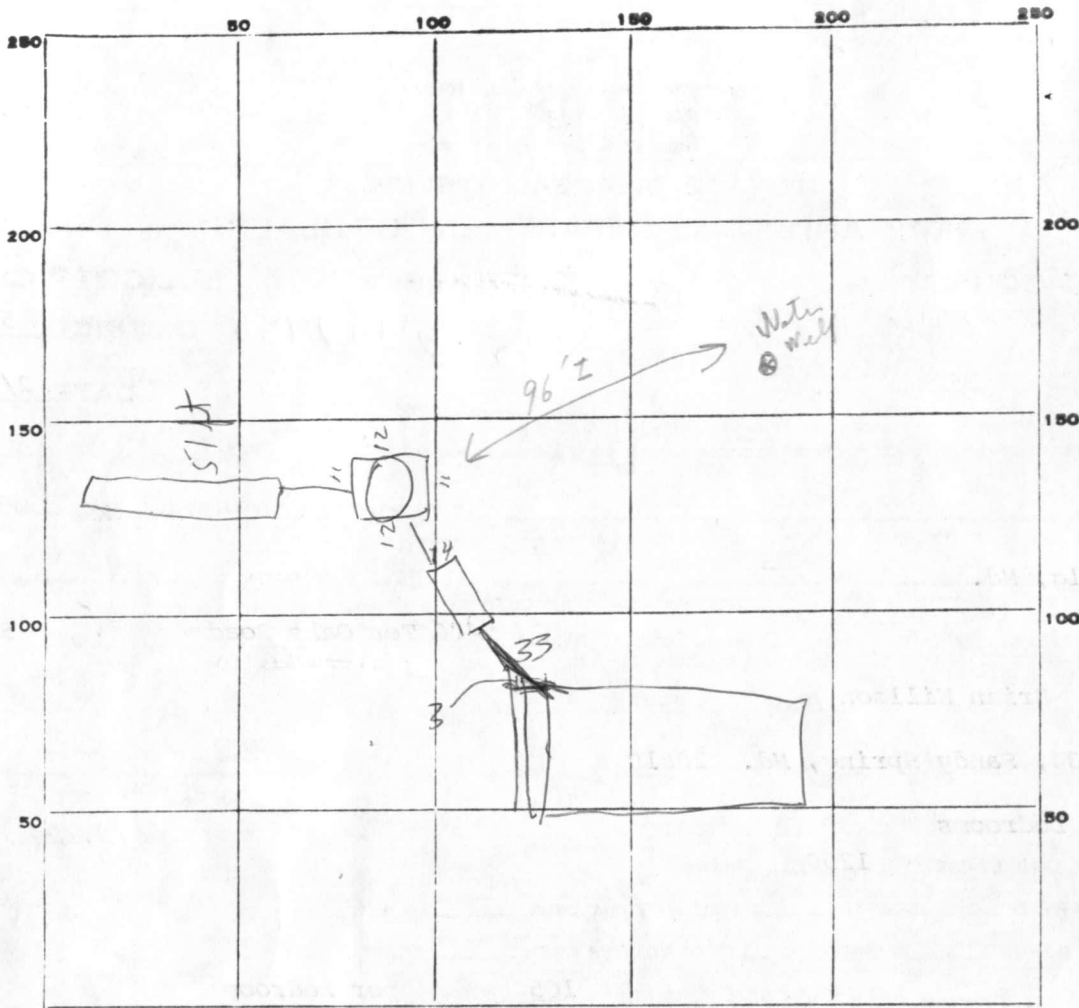
PERMIT VOID AFTER THREE YEARS.

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 24850

3
 46
 6.5
 230
 276
 299
 2
 6.5
 51
 6.5
 325
 331.5
 299.
 630.5



PERMIT CARD *yes* *Note ok to cover all work except loose connection call H.D. when final connection made*
 SEPTIC TANK, LEVEL CLEANOUTS DW ST
 DISTRIBUTION BOX, LEVEL n/a

TILE FIELD, DEPTH 10.5 FT. TRENCH WIDTH 2 FT.
 GRAVEL DEPTH 4 IN. TOTAL LENGTH 31 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 331
 SEEPAGE PITS, ^{outside perimeter} INSIDE DIAMETER 46 FT. DEPTH BELOW INLET 6.5 FT.

ABSORBENT AREA 299 SQ. FT.

REMARKS Attest ground 3/31/78 Checked at site System all covered
except - note - still needs house connection. See Rigg
+ Supervisor (Water Well NO - 73 - 2407) 4/3/78 P.W.M. agreed
only - bring to attention of Rigg's Pipe was installed at time
of inspection RDB 4/6/78 Discussed with P.W.M. check when
in area. c.B.S.

DATE SYSTEM APPROVED No → 30 March 78 INSPECTOR R Bigger

APPLICATION

A 24850

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT 3 B.R. 4 B.R. DISTRICT 5th
ENVIRONMENTAL HEALTH SERVICES 1000 gal. Septic tank 1250 gal. Septic tank
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356 DATE 11/30/76

Drywell to have 165 SQ. FT. effective sidewall absorption area per bedroom to begin below the first 6 ft. of non porous soil. Maximum depth permitted for drywell is 10'6" below original grade. Place the drywell 6'3" from the rear lot line and 16'0" from the left side line as seen when facing the property from the right of way off Ten Oaks Rd. Drywell inlet to be no deeper than 4 ft. below original grade. If trench is used, a 5 foot earth buffer between trench and drywell is required.

TO: THE COUNTY HEALTH OFFICER

ELLICOTT CITY, MARYLAND

NOTE: Trench must be placed on level ground. Call for inspection of trench before gravel is installed.

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

PROPERTY OWNER Allan Weintraub Brian Willson

ADDRESS @ Richard Hallowell Box 34 PHONE 286-2988
Highland, Md. 20777 Sandy Spring, Md. 20810

PROPERTY LOCATION:

SUBDIVISION 5400 Ten Oaks Road LOT NO. Parcel 5A

ROAD AND DESCRIPTION Private lane off N/W corner of Ten Oaks Rd

and Highland Rd - 1 mi. S. of Dayton.

SIZE OF LOT 2.172 ac., rec 712/154 on 2/15/75 TYPE BLDG. 4 bedrm single family dwelling
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 Richard Hallowell BLDG. PERMIT SIGNED AND RETURNED 2/8/78
Serial No. 34532

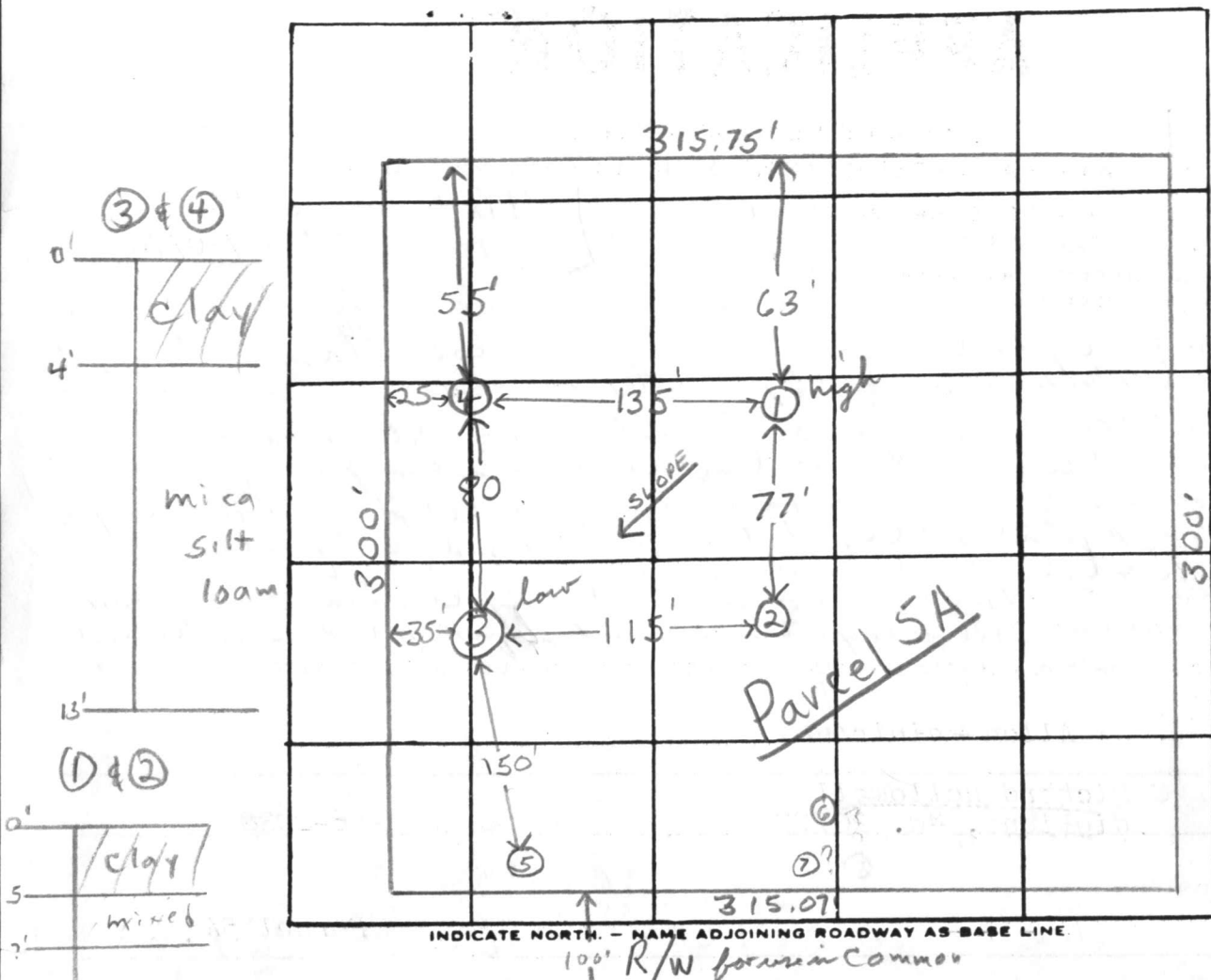
APPROVED BY Frank Skinner FOR Drywell & trench DATE 1/9/78
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4/1/77 Hold for signed boundary plat per O.H. F.S.

THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PREWET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/27/77	1	5 1/2'	10:07	pulled peg 10:36 1/2" drop			Fails
	1A	12'	10:07	10:11	10:11	10:18	7 min
	2	5 1/2'	10:08	pulled peg 10:35 1/4" drop			Fails
	2A	12 1/2'	10:08	10:12	10:12	10:20	8 min
	3	5'	10:10	10:17	10:17	10:31	14 min
	3A	13'	10:11	10:14	10:14	10:21	7 min
	4	11 1/2'	Clayey to 4' mica silt loam below				
	5	9'	Clayey to 4' clay sand mica mix below (water?)				
	1B high	6 1/2'	11:52	11:54	11:54	11:59	5 min
	2B	7'	11:59	12:03	12:03	12:18	15 min

REMARKS eff. area start to 6'; keep moist at 24'; max depth 10 1/2'

TYPE OF SOIL clayey to ~ 5-6'; mica silt loam below

TESTED BY F.S.

ALSO PRESENT: Hallowell & Fyock's
crew

RIGHT-OF-WAY
FOR
USE-IN-COMMON

N 21° 04' 51" E 300.00'

S 69° 00' 00" E 315.07'

S 20° 56' 56" W 300.00'

N 68° 59' 57" W 315.75'

PARCEL No. S-A
2.172 ACRES

PLAT F
F

ALLAN V
CLARKSVILLE
SCALE: 1 IN. = 100'

Robert E. Rosen

Note: The lot shown hereon complies with the
minimum ownership and lot area as required by
the Maryland State Dept. of Health & Mental Hygiene.

Approved: Private Water & Private Sewer

Jeanne Boyles
6-6-77
Howard County Health Officer Date

315.75

63'

High

Drywell

135'

Elev. Time of Perc 506

Existing Elev. 506

Enter Drywell 502

Tank

EXIST. Elev: 504'

Enter Tank 503.4"

20'

30'

Inv. House 504'

F.F. 505'

BASE 497'

35'

Elevation 499'

130'

50'

75'

See a
ref

C 1	8328	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 WITH-
 IN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY
 NUMBER

DATE RECEIVED (WRA USE ONLY)	2/1/78 DATE WELL COMPLETED	DEPTH OF WELL 160 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-2407 28 29 30 31 32 33 34 35 36 37
8-13	15 20	22 26	DRILLERS IDENTIFICATION NO. 42

OWNER WILSON LAST NAME	BRIAN FIRST NAME
STREET OR RFD P.O. Box 41	POST OFFICE SANDY SPRINGS, MD. 20860

WELL LOG	WELL DESCRIPTION	GROUTING RECORD	PUMPING TEST
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STATE THE KIND OF FORMATIONS PENETRATED, THEIR
 COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS
 IF NECESSARY)

FEET

FROM TO CHECK IF
 WATER BEARING

Topsoil 0 2

Shale 2 15

SANDY 15 80

SANDstone 80 100

MICA 100 110

SANDstone 110 115 ✓

MICA 115 120

SANDstone 120 125 ✓

MICA 125 160

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT C M BENTONITE CLAY B C

NO. OF BAGS 28 NO. OF POUNDS 2800

GALLONS OF WATER 140

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 46 FT.

(ENTER 0 IF FROM SURFACE)

CASING TYPES

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH)

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT)

60 61 63 64 66 70

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN TYPE OR OPEN HOLE

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE

PLASTIC OTHER

C 2

1 2 3 (SEQ. NO.) 6

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 60 (NEAREST INCH)

FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 F

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

(E.R.O.S.) W Q

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 15

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 30 (NEAREST FOOT)

WHEN PUMPING 110 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

A AIR P PISTON T TURBINE

27 27 27

C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW)

27 27 27

J JET S SUBMERSIBLE

27 27

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)

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 - BELOW

LAND SURFACE 2 (NEAREST FOOT)

49 50 51

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).

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

(PLEASE PRINT) L. F. EASTERDAY

SIGNATURE L. F. Easterday