

4-5-78-PC-3

04-328647

app. 4/5/78 MB.

PERMIT

P 27752

A 28112

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

INDEXED

DATE 4/3/78

Liberty Backhoe Service IS PERMITTED TO INSTALL ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Md. 21104 PHONE

SUBDIVISION ROAD /6505 Ed Warfield Road LOT 9

PROPERTY OWNER Joseph C. Koontz

ADDRESS 41 Straw Hat Road, Owings Mills, Md. 21117 Phone: 356-4024

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH 11 DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS 8 ABSORBENT SIDE-WALL AREA 135 SQ. FT. effective sidewall area per bedroom

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 225 FT. FROM front LOT LINE AND 140 FT. FROM right LOT LINE AS SEEN WHEN

FACING LOT FROM Ed Warfield Road. Start the trench after a 5 ft. earth buffer with the dry well and proceed to dig it on level ground running towards perchole #1 the necessary distance.

PLANS APPROVED BY Frank Skinner DATE 8/2/77

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.

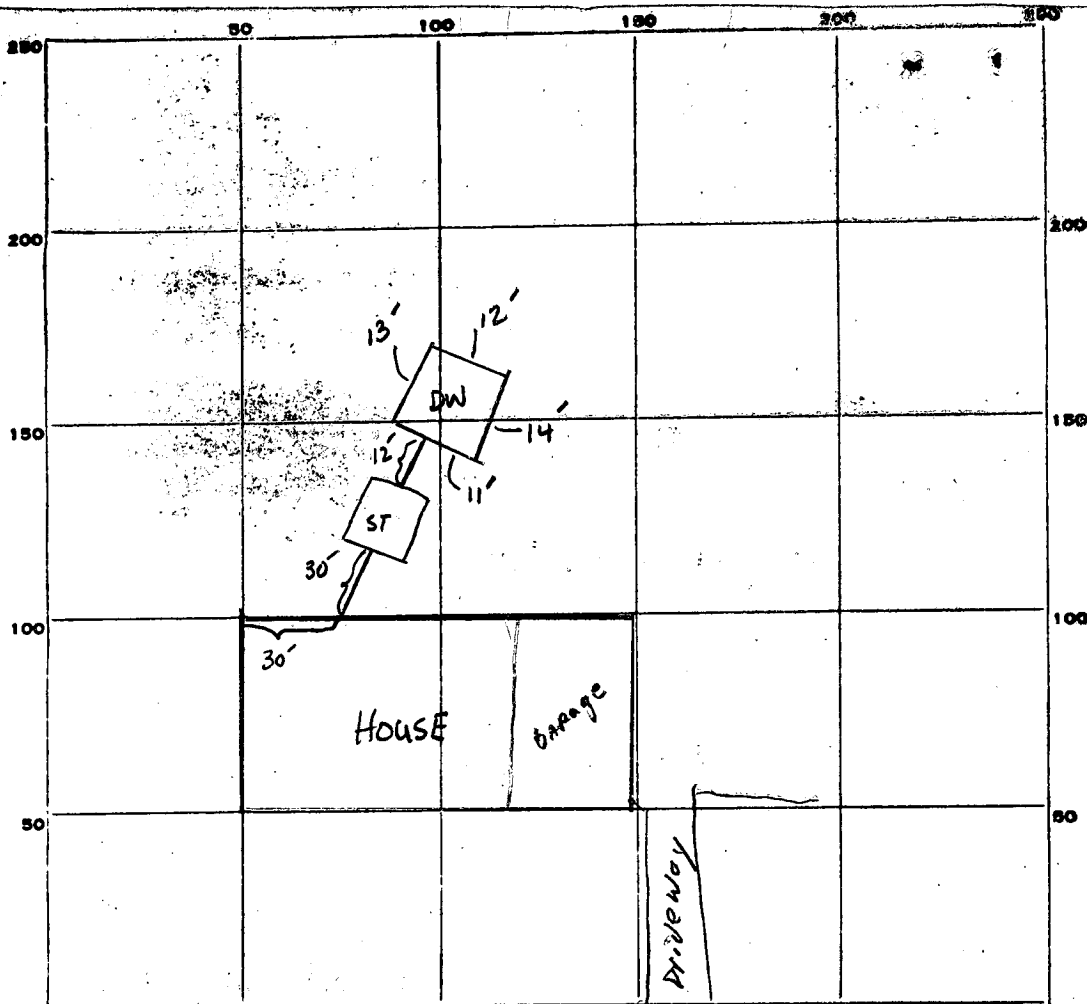
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 28112



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.
Ed Warfield Rd.

PERMIT CARD yes

SEPTIC TANK, LEVEL _____

CLEANOUTS ST DW
✓ ✓

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, Perimeter INSIDE DIAMETER 50 FT. DEPTH BELOW INLET 8 FT.

ABSORBENT AREA 400 SQ. FT.

REMARKS 4/15/78. Stop work. Absorbent area short. HAS 400 sq Ft. should
have 405 sq Ft. absorbent area. Told them to call office for
correct trench length. MB

DATE SYSTEM APPROVED 4-5-78 INSPECTOR M. Borgogni

C 1 0065 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

DATE RECEIVED (WRA USE ONLY) 8-13

DATE WELL COMPLETED 7-23-77

DEPTH OF WELL 250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-2215

DRILLERS IDENTIFICATION NO. 160

OWNER MATTHEWS & BOND BUILDERS LAST NAME FIRST NAME

STREET OR RFD 1707 RIVERSIDE RD POST OFFICE BALTIMORE MD 21208

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	
Overburden	0	5	
Detailed Sand	5	57	
Gray Sand	57	250	X

WELL DESCRIPTION

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

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

NO. OF BAGS 17 NO. OF POUNDS 1420

GALLONS OF WATER 84

DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 60 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 60

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 60 (NEAREST INCH) FROM TO

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.)

TELESCOPE CASING 70 LOG INDICATOR 72 OTHER DATA AVAILABLE 74 75 76

C 3 (SEQ. NO.)

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 4

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 20

METHOD USED TO MEASURE PUMPING RATE Air

WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 17 20 (NEAREST FOOT) WHEN PUMPING 22 25 (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) 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 }

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) BEADIE WARR SON CORP.

SIGNATURE

PITLESS ADAPTER

To Jennings Chapel Road

ED WARFIELD ROAD

To Daisy

VICINITY

N 69° 13' E 420.00'

Bit Pavt

C&P # 113

Woven Wire Fence

Conc Mon

727.41'

570

580

120'

101'

101'

90'

570

385.00'

INV: 564.00
Inv: 563.75

F.E.E. = 574.50
PAVMT = 565.80
RETCMA = 564.88

EX Gd: 578.9
Well

Inv: 563.00
Dry Well

Saptic Tank
Ex Gd: 567.4
In. Gd: 567.4

Stop 9 1/8"

TID Field
Ground to remain as is.

Woven Wire Fence

S 19° 56' 32" E

Donald P. and Lois A. Slacum

*7/14/77
Shelby D. W.
Shelby D. W.*

APPLICATION

26112

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 4th

DATE June 14, 1977

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

Drywell & trench system to have 135 SQ. FT. effective sidewall absorption area per bedroom to begin below the first 3 ft. of non-porous soil. Place the drywell 225 ft. from the front property line and 140 ft. from the right side line, as seen when facing the property from Ed Warfield Rd. Start the trench after a 5 ft. earth buffer with the drywell and proceed to dig it on level ground running towards per test hole #4.
NOTE: Call for inspection of trench before gravel is installed.

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.

well drilled under
Matthew & Brown

Contract Purchaser
~~PROPERTY OWNER~~

Joseph C. Koontz

ADDRESS 41 Straw Hat Road
Owings Mills, Maryland 21117

PHONE 356-4024

PROPERTY LOCATION:
Howard Co. Tax Map Page 13, Parcel 111
SUBDIVISION Robert G. Johnsen Subdivision

16505 Ed. Warfield Rd.

LOT NO. 9

ROAD AND DESCRIPTION Ed Warfield Road - 900 ft. northeast of the
intersection of Jennings Chapel Road and Ed Warfield Road

SIZE OF LOT 5.27 Acres TYPE BLDG. Residence (3BR)

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 Joseph C. Koontz

BLDG. PERMIT SIGNED
AND RETURNED 8/12/77
Serial No. 33200

APPROVED BY Frank Skinner FOR Drywell & trench

(KIND OF SYSTEM)

DATE 8/2/77

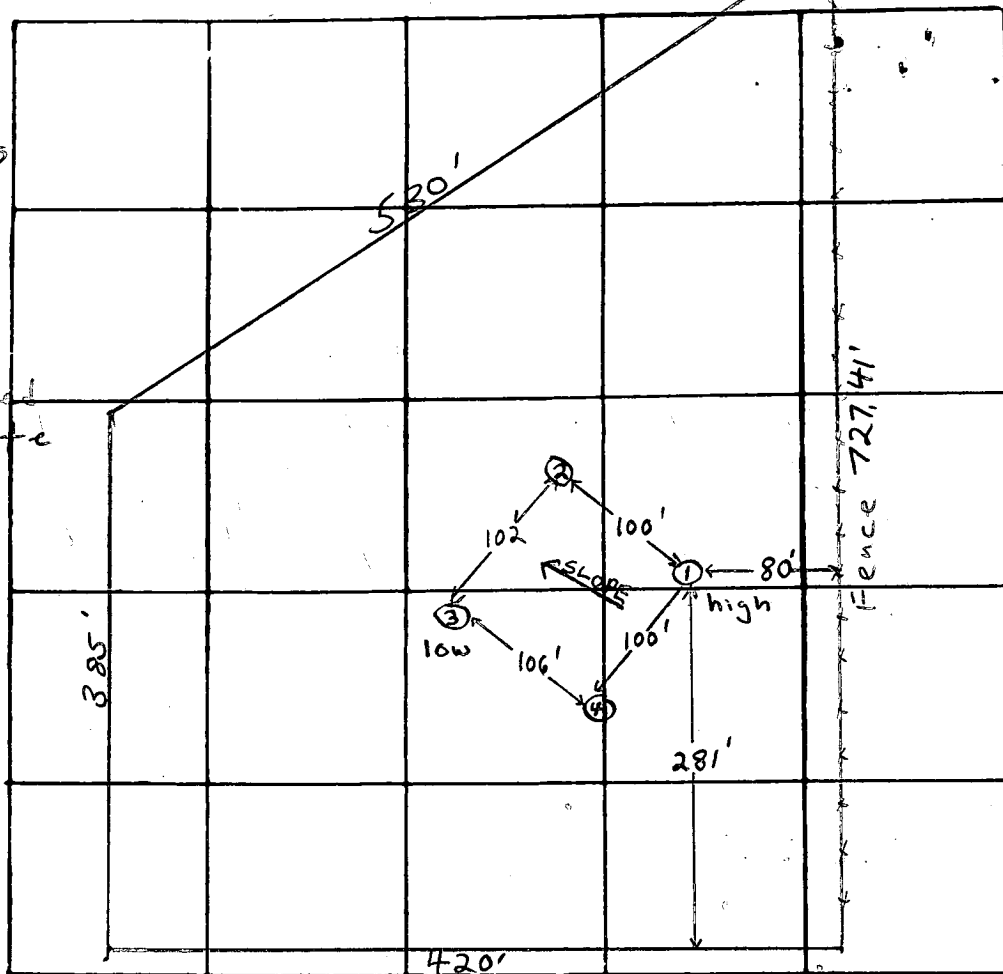
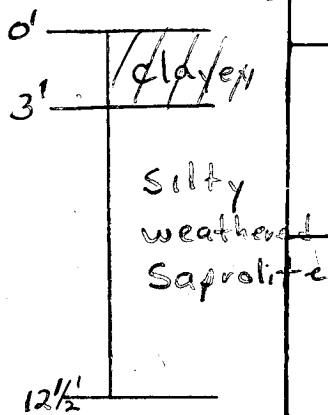
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Per. O.K. F.S.

THIS IS NOT A PERMIT

all test holes



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

ED. WARFIELD ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/30/77	1 high	3 1/2'	1:56	2:00	2:00	2:08	8 min	
	1A	12 1/2'	2:08	2:10	2:10	2:17	7 min	
	2	3 1/2'	2:05	2:07	2:07	2:12	5 min	
	2A	12 1/2'	2:02	2:07	2:07	2:19	12 min	
	3 low	3 1/2'	2:24	2:26	2:26	2:33	7 min	
	3A	12 1/2'	2:23	2:26	2:26	2:39	13 min	
	4	12'	Clayey to 3 1/2'; silty weathered saprolite below					

REMARKS perc. O.K. -

TYPE OF SOIL Clayey to 3 1/2'; silty weathered saprolite below

TESTED BY F.S.

ALSO PRESENT: H. Sirk Sr., J. Koontz