

10/11/80  
10/13/80  
around noon  
please  
11/26/80

11/26/80 FILE APPROVED  
P 30904 C.B.D.

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

A 25542

HOWARD COUNTY

ELLICOTT CITY

INDEXED

DISTRICT 2nd

02-263092

DATE 9/11/80

Gartland IS PERMITTED TO INSTALL  ALTER

ADDRESS Liberty Road & Winfield Road PHONE

SUBDIVISION Bethany Village ROAD 9981 Route 99 LOT 1, Sec. 1

PROPERTY OWNER Wilder Building Corp.

ADDRESS 3430 Birch Hollow Road, PHONE: 486-1233

SPECIFICATIONS 3 Bedrooms TRENCH

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

trench

~~Trench~~ to have 150 square feet of sidewall area per bedroom Trench to be 90 feet long.  
Inlet to be 4 1/2 feet below original grade. Trench (maximum depth) to be 9 1/2 feet below original grade. Place trench 70 feet from the front (Route 99) lot line and 95 feet from the right (91 ft.) lot line as seen when facing the lot from route 99.

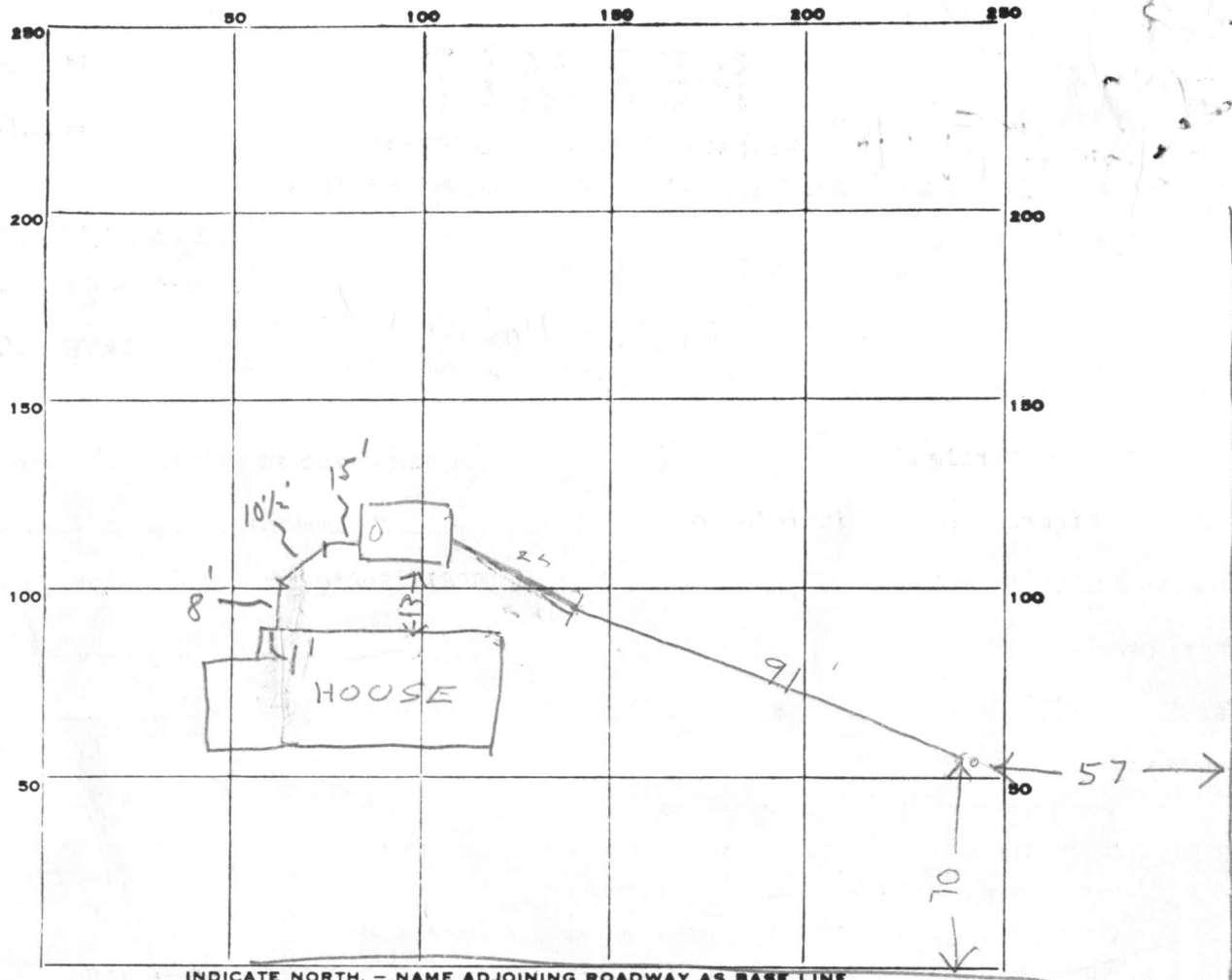
NOTE: TRENCHES NOT TO BE CONNECTED IN SERIES. MUST USE DISTRIBUTION BOX OR T'S AND CONNECT TO END NEAREST SEPTIC TANK.

PLANS APPROVED BY Raymond Hodges FF DATE 11/29/77

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 25542



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.  
ROUTE 99

PERMIT CARD NO

SEPTIC TANK, LEVEL OK 1000 CLEANOUTS ST cast iron

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 9-9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 IN. TOTAL LENGTH 91 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 455

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 455 SQ. FT.

REMARKS 8/1/80 - TALKED TO WILDER ADD STONE, PIPE, STAND PIPES ECT & CALL RW  
9/3/80 OK to cover work to septic tank. Call  
when house connection made. 8; 11/26/80 House  
connection seen.  
 C.B.D.

DATE SYSTEM APPROVED 11/26/80 INSPECTOR C.B. Shuster

# APPLICATION

A 25542

## SEWAGE DISPOSAL TESTING

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

1000 GAL TANK

DISTRICT 2 ND

DATE 4/4/77

*Shallow system - 4 1/2 x 9 1/2'*  
DITCH - 100 FT LONG 2 FT WIDE 9 1/2 FT DEEP FILLED WITH 5 FT OF STONE VOID  
START DITCH AT A POINT 20 FT FROM THE BACK LOT LINE AND 50 FT FROM THE RIGHT SIDE OF THE LOT AS SEEN WHEN FACING THE LOT FROM THE RIGHT OF WAY.  
TO: THE COUNTY HEALTH OFFICER RUN THE DITCH TOWARD THE RIGHT OF WAY ALONG LEVEL GROUND (470 Contour)  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM. *TWO INSPECTIONS OF THE DITCH ARE NECESSARY*

PROPERTY OWNER WILDER BUILDING Corp

ADDRESS 3430 BIRCH Hollow Rd PHONE 486-1233

PROPERTY LOCATION: New Lot 1  
SUBDIVISION BETHAN VILLAGE LOT NO. 7 *(9/29/77)*

ROAD AND DESCRIPTION # 9981 MD Route 99 SECTION ONE

SIZE OF LOT 22,000 + □' TYPE BLDG. 3 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 Raymond Hodges BLDG. PERMIT SIGNED AND RETURNED 9/2/80  
*Serial # 44238*

APPROVED BY Raymond Hodges FOR DEEP DITCH DATE 11/29/77  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

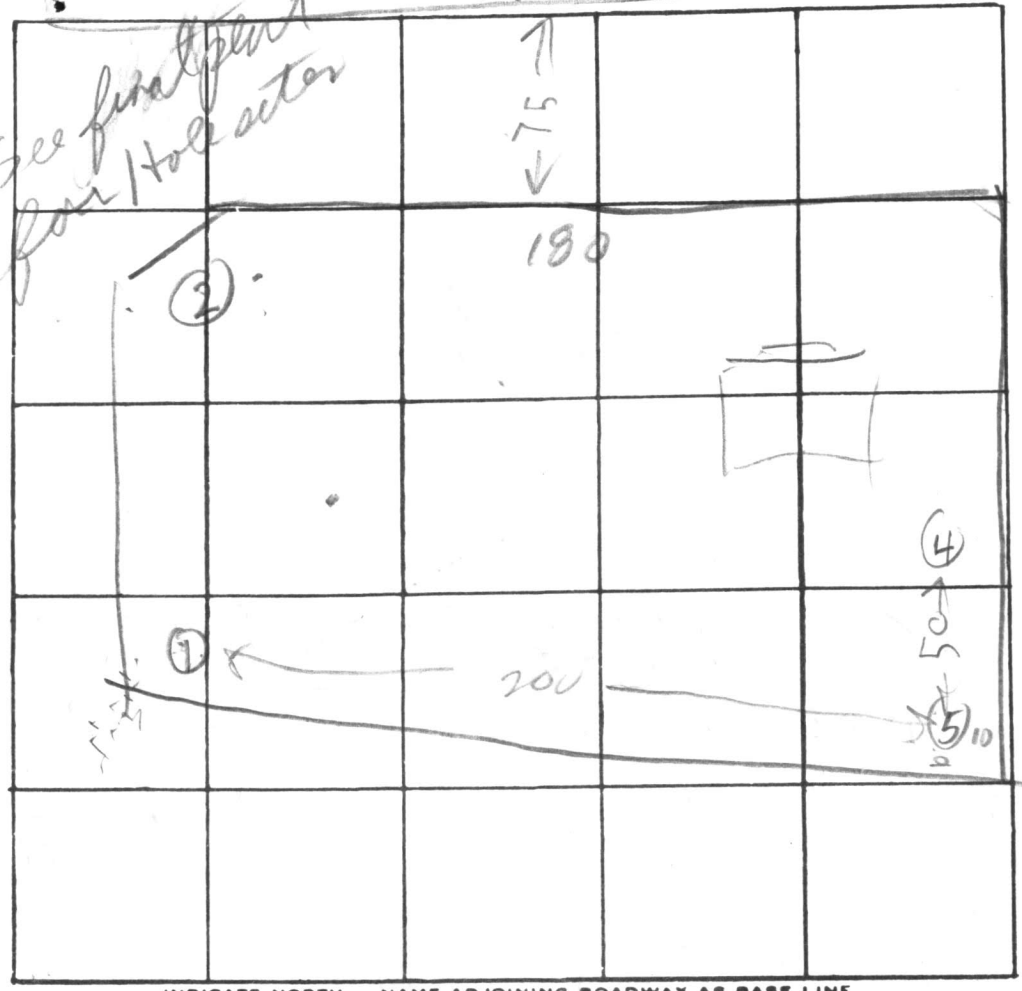
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING BPA # 44238

# THIS IS NOT A PERMIT

RA 94

See final report for Hole notes



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/20/17	1D	14	9:55	1000	1000	1007	7
	1S	4	9:54	1000	1000	1013	13
	2S	4	1004	1020	1020	1035	15
	2D	14 1/2	1009	1020	1020	1035	15
	3S	4 1/2	1016	1034	1034	1050	16
	3D	14 1/2	1017	1020	1020	1023	3
	4D	4 1/2	1026	1050	1050	1018	26
	4S	14 1/2	1026	1157	31min	FAILED	
	5S	4	1046	1047	1047	1050	3
4/20/17	5D	14	1046	1047	1047	1050	3
	4LS	6 1/2	119	121	121	124	3
	4LD	10 1/2	119	124	124	136	12

max depth 4ft av time

REMARKS

TYPE OF SOIL (4) High hole use for DW & Run Ditch to (5)

TESTED BY R. HODGES

ALSO PRESENT: MRW

BETHANY VILLAGE

Lot 1 sect 1

8/28/80 - Reject septic plans

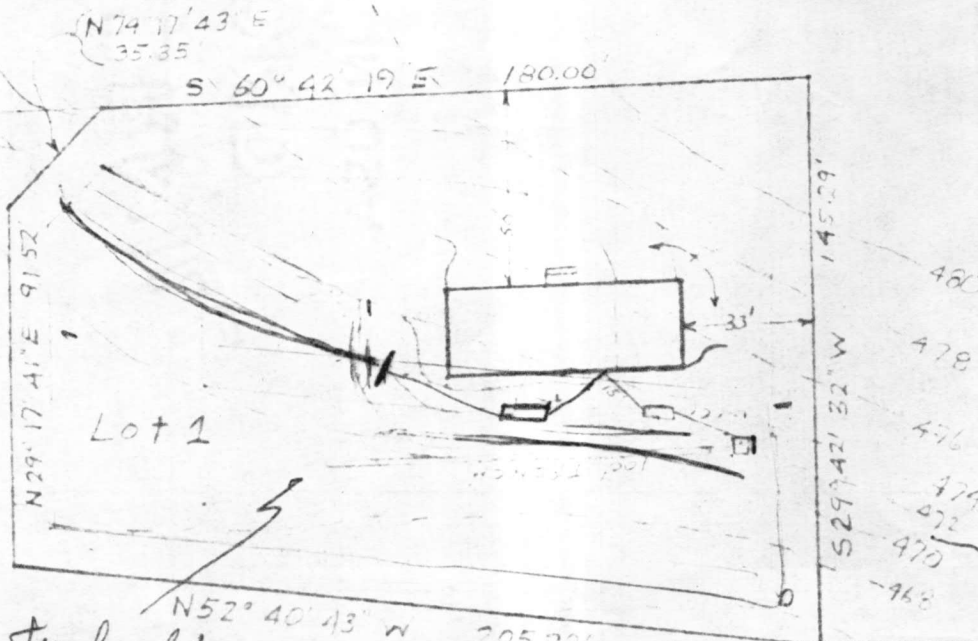
① Plans must show invert elevation  
where it enters tank & where  
✓ it leaves tank (always 0.25ft  
difference C. Bd 8/29/80

⑦ Distribution Box not needed if  
✓ C. Bd 8/29/80 only one trench used

③ Write city water on plot  
C. Bd. Called 8/29/80 Carl Hedges &  
left message 3210307.

1" = 50'

MD. ROUTE 99



469 trench ends

Lot 2

471 trench starts

HOUSE:  
 FIRST FLOOR ELEV. 478.0  
 BASEMENT ELEV. 469.0  
 468.6 INVERT @ HOUSE 468.17 ✓

SEPTIC TANK:  
 EXISTING GRADE 473.0  
 PROPOSED GRADE 473.0  
 468.2 INVERT @ TANK 467.85 ✓ 1/2 IN  
 467.9 " INVERT 467.60 ← OUT  
 DISTRIBUTION BOX:  
 EXISTING GRADE 472.0  
 PROPOSED GRADE 472.0  
 INVERT 467.5

*Twilder*  
 8/29/80

TRENCH:  

INVERT	GRADE	LENTH	HIGHT
462.5	0.0%	100'	5'

467.5 472.0

CITY WATER

INVERT ELEV 472.374

8/29/80 ok.

C.R.S

GRADING STUDY

BETHANY VILLAGE  
 SECTION ONE  
 LOT ONE  
 2nd ELECTION DISTRICT  
 HOWARD COUNTY MARYLAND  
 SCALE 1"=50'  
 DATE 8/19/80

Follow 47A contour line

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

*J. Carl Hodgins*  
 J. Carl Hodgins PLS#96