

9-10-86
AM

05-400244

APPROVED
BPA
9/16/86
P 37181

PERMIT

SEWAGE DISPOSAL SYSTEM

A 33689

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH

ELLICOTT CITY

INDEXED

DISTRICT 5th

992-2330
XXXXXXXXXXXX
461-9933

DATE 6/16/86

{ I.C.O.P. issued only }
Time expired }

Land Development IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 386, Sandy Spring, MD 20860 PHONE

SUBDIVISION Fox Pause ROAD 11930 Hall Shop Road LOT 18, Section 7

PROPERTY OWNER Land Development Corp.

ADDRESS

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

TRENCHES - 165 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 90 feet from the left lot line and 150 feet from the corner of left lot line and front lot line as seen when facing the lot from Hall Shop Road. Run trenches on contour toward the back of lot.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/CW

PLANS APPROVED BY S. Abel DATE 6/27/86

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.

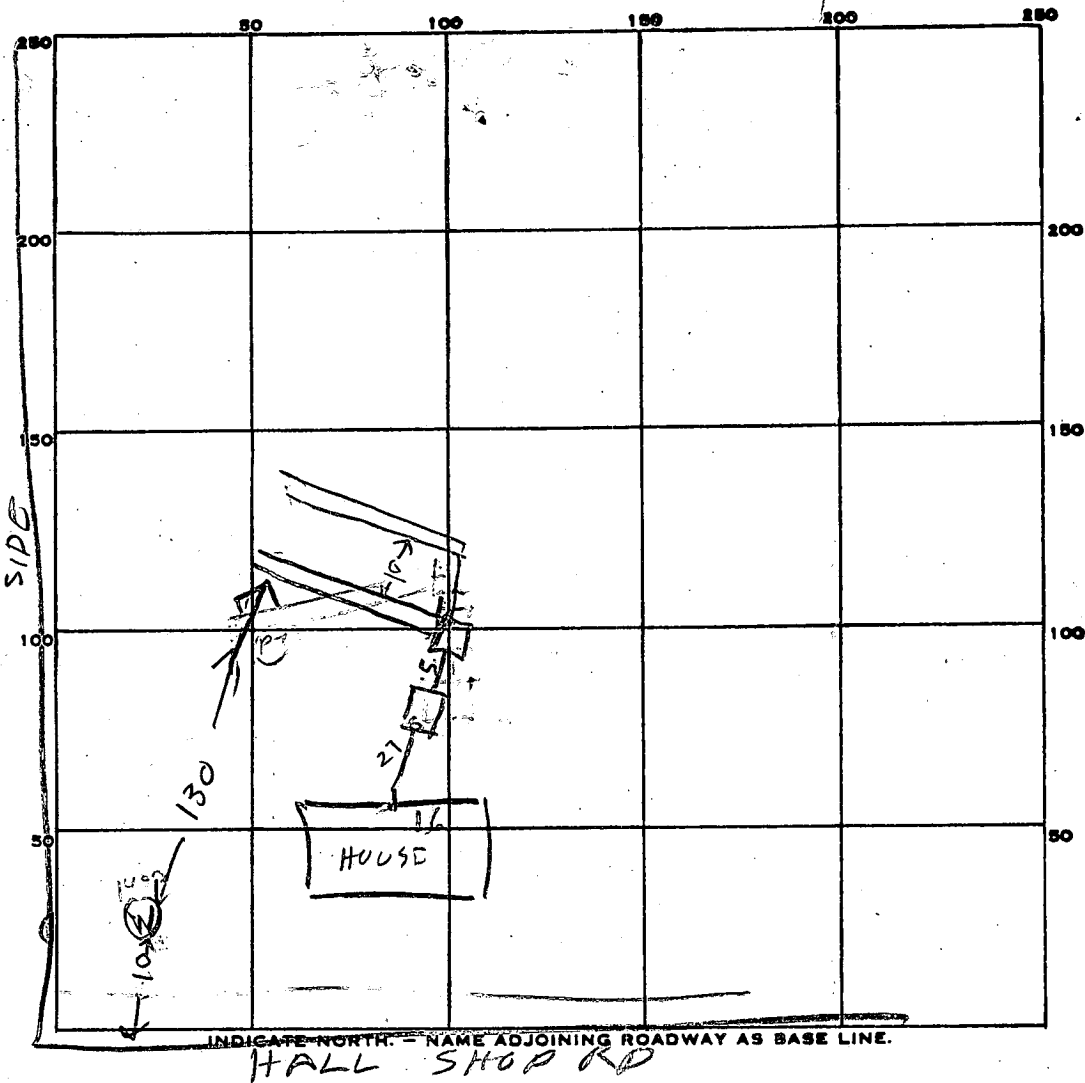
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 33689



PERMIT CARD _____

SEPTIC TANK, LEVEL 1500

CLEANOUTS OK ST

DISTRIBUTION BOX, LEVEL 01

TILE FIELD, DEPTH 9 | 9 FT. TRENCH WIDTH 2 | 2

GRAVEL DEPTH		IN.		TOTAL LENGTH		FT.		TOTAL	
#1	#2			#1	#2			#1	#2
4-1/2	4			86	79			165	
NUMBER OF TRENCHES <u>2</u>				TOTAL BOTTOM AREA				399	316
								660	

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

ABSORBENT AREA _____ SQ. FT.

am 9/10/86 LOCATION OK TRENCH #1 OK FINISH TRENCH #2 ADD STONE

PM 9/10/86 - TRENCH #2 FINISHED & STONE ADDED BY TRENCH #2 FINISHED 66 US OF FT REQUIRED FOR 4 B.R.

DATE SYSTEM APPROVED 9/10/86

INSPECTOR Raymond Hodge

C 00536

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 36821-W

DATE RECEIVED

DATE WELL COMPLETED 061886

DEPTH OF WELL 200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H3-81-1479

OWNER CORP. LAST NAME HALL FIRST NAME DEVELOPMENT TOWN CLARKSVILLE STREET OR RFD HALL SHOP RD SUBDIVISION FOX PAUSS SECTION 2 LOT 18

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Topsoil, Red schist, brown schist, and gray mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 15, NO. OF POUNDS 1500.

CASING RECORD: casing types insert appropriate code below. Codes: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER).

MAIN CASING TYPE: Nominal diameter 6 inch, Total depth 95 feet.

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

SCREEN RECORD: screen type or open hole insert appropriate code below. Codes: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

DEPTH (nearest ft.) table with rows for casing height and screen depth. Includes slot size and diameter of screen.

CIRCLE APPROPRIATE LETTER: 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 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...

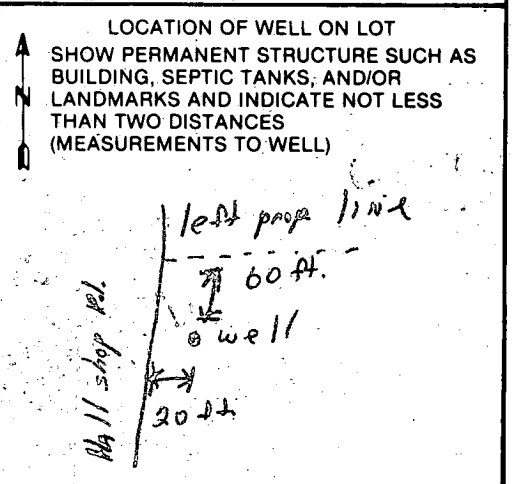
DRILLERS IDENT. NO. 40; DRILLERS SIGNATURE: George J. Enderby, Robert K. Neuber; SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

GRAVEL PACK: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER): T (TELESCOPE CASING), LOG INDICATOR, WQ (OTHER DATA).

PUMPING TEST: C 3; HOURS PUMPED 3; PUMPING RATE 12 gal. per min.; METHOD USED TO MEASURE PUMPING RATE Bucket; WATER LEVEL 23 before pumping, 80 when pumping; TYPE OF PUMP USED submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO); TYPE OF PUMP INSTALLED; CAPACITY: GALLONS PER MINUTE; PUMP HORSE POWER; PUMP COLUMN LENGTH; CASING HEIGHT 2 feet below land surface.



B 1 0790 SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

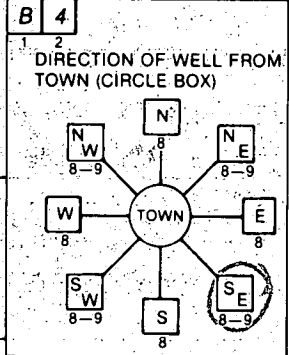
STATE OF MARYLAND PERMIT TO DRILL WELL
please print or type

OEP PERMIT NUMBER
10-91-1479
fill in this form completely

Date Received
OWNER INFORMATION
LAND LEVEL CORP
Last Name: LAND, Owner: LEVEL, First Name: CORP
Street or RFD: SANDY SPRING RD
Town: SANDY SPRING, State: MD, Zip: 20860

LOCATION OF WELL R-36821
40.00
4/17/86
COUNTY: HANOVER
SUBDIVISION: FOX PAUSE
SECTION: 7, LOT: 18
NEAREST TOWN: CLARKSVILLE
MILES FROM TOWN: 0 MI

DRILLER INFORMATION
George F. Easterday
Driller's Name: George F. Easterday, License No. 40
L. F. Easterday, Inc.
Firm Name: L. F. Easterday, Inc.
9265 Brown Ch. Rd., Mt. Airy, Md. 21771
Address: 9265 Brown Ch. Rd., Mt. Airy, Md. 21771
Signature: [Signature], Date: 4/18/1986



11970 HALL SHOP
NEAR WHAT ROAD: 11970 HALL SHOP
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH, WEST, EAST, SOUTH
DISTANCE FROM ROAD: 260 FT
ENTER FT or MI: FT

WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.): 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
COUNTY NAME: HANOVER
COUNTY NO.: A-36821-11
OEP SIGNATURE: [Signature]
STATE HEALTH INSERT S: []
DATE ISSUED: 052086
CO SIGNATURE: [Signature], EXPIRE DATE: 11/20/86
NORTH GRID: 490000, EAST GRID: 0870000

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL: 370 FEET

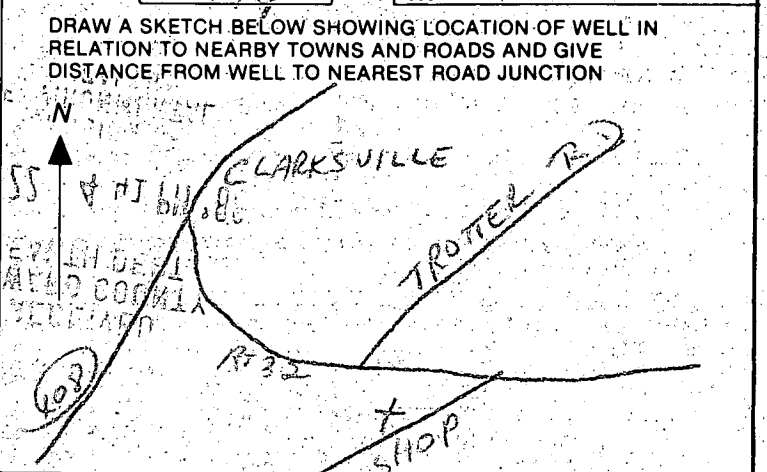
APPROXIMATE DIAMETER OF WELL: 6 INCH NEAREST

METHOD OF DRILLING (circle one)
BORED (or Augered) [] JETTED [] Jetted & DRIVEN []
AIR-ROTary [] AIR-PERCussion [] ROTARY (Hydraulic Rotary) []
CABLE [] REVERSE-ROTary [] DRIVE-POINT []
other: []

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. WELL
2. WELL
3. WELL
WRITE THE BOX NUMBER FROM THE MAP HERE
E 820 0
N 490 2

6/18/86
95 FE CASING
35 FE OPEN-JETTED
15 BAGS CEMENT
TAG
LOCATION OK
WATER SAMPLE
5.1 GAL
WELL

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 DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE): []



Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER: [] GAP []
FORCE: [] WRITE INITIALS IN BOX PERMIT NO.: 10-91-1479

SPECIAL CONDITIONS

6/17/86 location of well similar to plot
(close to lot line) - OK²⁰

may want
to double
check these
values
at time of
ground

} 95' casing
only 33 ft open hole

H₂O sample taken 10:30 AM (H9748)

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
APR 22 4 41 PM '86
DIVISION OF
ENVIRONMENTAL
HEALTH

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33689

P _____

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

DISTRICT 5

DATE 7/12/84

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 Edwin G Wilson

ADDRESS Box 32 Ashton Md 20861 PHONE 8540300

PROPERTY LOCATION:

SUBDIVISION Fox Pausal 11930 Hall Shop Rd. LOT NO. ~~18~~ ~~19~~ ~~20~~ ~~21~~ ~~22~~ ~~23~~ ~~24~~ ~~25~~ ~~26~~ ~~27~~ ~~28~~ ~~29~~ ~~30~~ ~~31~~ ~~32~~ ~~33~~ ~~34~~ ~~35~~ ~~36~~ ~~37~~ ~~38~~ ~~39~~ ~~40~~ ~~41~~ ~~42~~ ~~43~~ ~~44~~ ~~45~~ ~~46~~ ~~47~~ ~~48~~ ~~49~~ ~~50~~ ~~51~~ ~~52~~ ~~53~~ ~~54~~ ~~55~~ ~~56~~ ~~57~~ ~~58~~ ~~59~~ ~~60~~ ~~61~~ ~~62~~ ~~63~~ ~~64~~ ~~65~~ ~~66~~ ~~67~~ ~~68~~ ~~69~~ ~~70~~ ~~71~~ ~~72~~ ~~73~~ ~~74~~ ~~75~~ ~~76~~ ~~77~~ ~~78~~ ~~79~~ ~~80~~ ~~81~~ ~~82~~ ~~83~~ ~~84~~ ~~85~~ ~~86~~ ~~87~~ ~~88~~ ~~89~~ ~~90~~ ~~91~~ ~~92~~ ~~93~~ ~~94~~ ~~95~~ ~~96~~ ~~97~~ ~~98~~ ~~99~~ ~~100~~ NEW LOT 18
5-26-84

ROAD AND DESCRIPTION corner RT 32 + Hall's Shop Rd

SIZE OF LOT 3115 AC TYPE BLDG. sh 1 Fully # Bed
(NUMBER OF BEDROOMS)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Edwin G Wilson
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____

BLDG. PERMIT SIGNED AND RETURNED 6-26-84

REJECTED BY _____ FOR _____

~~BLDG. PERMIT SIGNED AND RETURNED~~ # 71274
SH

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING 3-27-85 Perc UNSATISFACTORY, NO SUITABLE AREA
REMAINING, WATER IN LOW AREA, CLAY + ROCK IN UPPER AREA.
Acceptable Area if LOT 18+19 ARE combined. SH

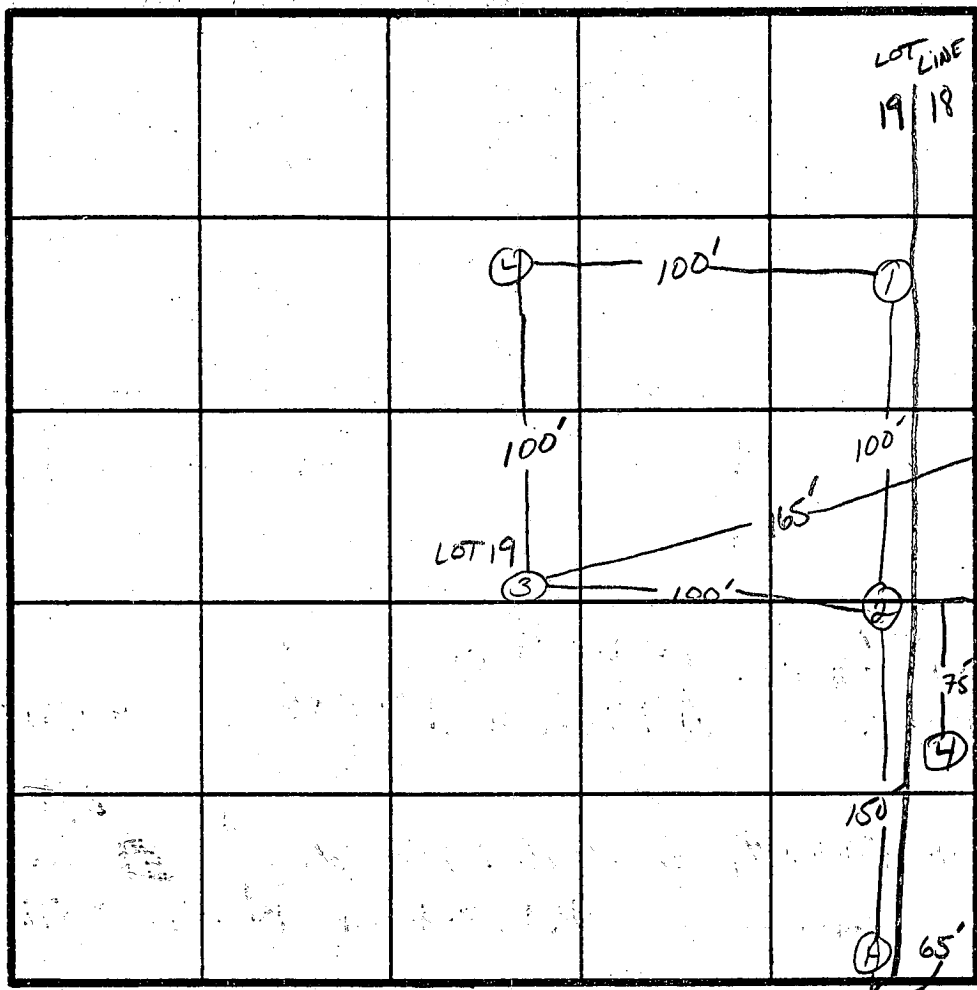
THIS IS NOT A PERMIT

① ③
SOIL PROFILE

0"
9"
4'
12.5'

AP
BROWN SILTY CLAY LOAM
10% SAPROLITE

BROWN MICACEOUS SILTY SAND
10-20% SAPROLITE



F=5min
INLET 5'
BOTTOM 9'

②
AP
BROWN CLAY LOAM
10% SAPROLITE

BROWN MICACEOUS SAND LOAM
20-30% SAPROLITE

④ ⑤
AP
BROWN CLAY LOAM
10% SAPROLITE

BROWN/GREY MICACEOUS SILTY SAND
10% SAPROLITE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/27/85	1S	5'	12:48	12:49	12:49	12:51	2min	
	1V	12.5'	UNIFORM SOIL STRUCTURE Below 4'					
	2S	5.5'	1:35	2:00 → 2 1/2" MOVEMENT FAILED				X
	2V	15'	UNIFORM SOIL STRUCTURE Below 4'					
	3S	5'	1:59	2:04	2:04	2:14	10min	
	3V	12.5'						
	4S	4'	1:58	1:59	1:59	2:02	3min	
	4V	12.5'	UNIFORM SOIL STRUCTURE Below 4'					
	5S	5'	2:15	2:16	2:16	2:18	2min	
	5V	12'	UNIFORM SOIL STRUCTURE Below 4'					
	A TEST HOLE DONE 1 WK. AGO CLAY TO 7'-8'							

NO FURTHER AREA TO TEST - TOWARD BACK OF LOT H₂O Problem TOWARD FRONT CLAY

REMARKS _____

TYPE OF SOIL _____

TESTED BY Sam SKIP - Terry ALSO PRESENT

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33688

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5

DATE 3/12/84

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 Edwin G Willson

ADDRESS Box 32 Ashton Md 20861 PHONE 854 0300

PROPERTY LOCATION:

SUBDIVISION Fox Pounce LOT NO. LOT 18 5-20-84
~~2000-1-23-84~~

ROAD AND DESCRIPTION corner Rt 32 + Halls Shop Rd

SIZE OF LOT 3.32 AC TYPE BLDG. 3.91 Fully 4 Bed
(NUMBER OF BEDROOMS)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Edwin G Willson

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

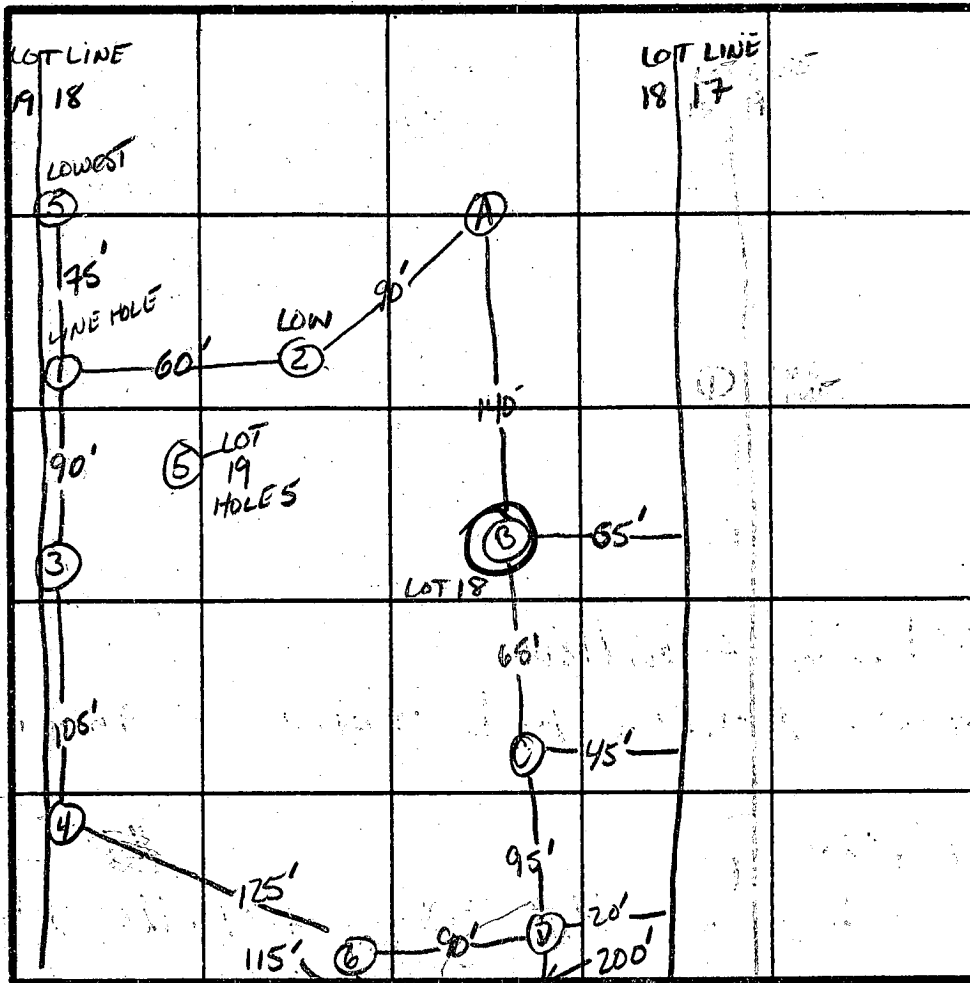
REASONS FOR REJECTION OR HOLDING 3-27-85 Perc. UNSATISFACTORY, NO SUITABLE AREA REMAINING
WATER IN LOWER AREA, CLAY + ROCK IN UPPER AREA. ACCEPTABLE AREA
FOUND combining LOT 18 + 19. SAME

THIS IS NOT A PERMIT

① ③
SOIL PROFILE

0"	AP
9"	Brown silty clay loam 10% SAPROLITE
4'	Brown micaceous sand silt 10-20% SAPROLITE
125'	

0"	② AP
9"	Brown clay loam 10% SAPROLITE
4'	Brown highly micaceous silty sand 30-40% SAPROLITE
12.5'	



DATE	TEST NO.	DEPTH	PRE-WET		-TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/27/85	1S	5'	12:48	12:49	12:49	12:51	2min ✓	
	1V	12.5'	UNIFORM SOIL STRUCTURE Below 4'					
	2S	4'	1:02	1:04	1:04	1:07	3min ✓	
	2V	12.5'	UNIFORM SOIL STRUCTURE Below 4'					
	3V	UNIFORM SOIL STRUCTURE 4'-15'						
	④V	CLAY TO 7'						
	⑤V	WATER AT 8'						
	⑥V	CLAY TO 7'						
	A	WATER AT 9'						
	⑦	ROCK AT 9' CLAY TO 8'						
	⑧	CLAY TO 8'						
	⑨	CLAY TO 7'						

REMARKS

TYPE OF SOIL

TESTED BY

S. Abel

ALSO PRESENT

Skip - Terry

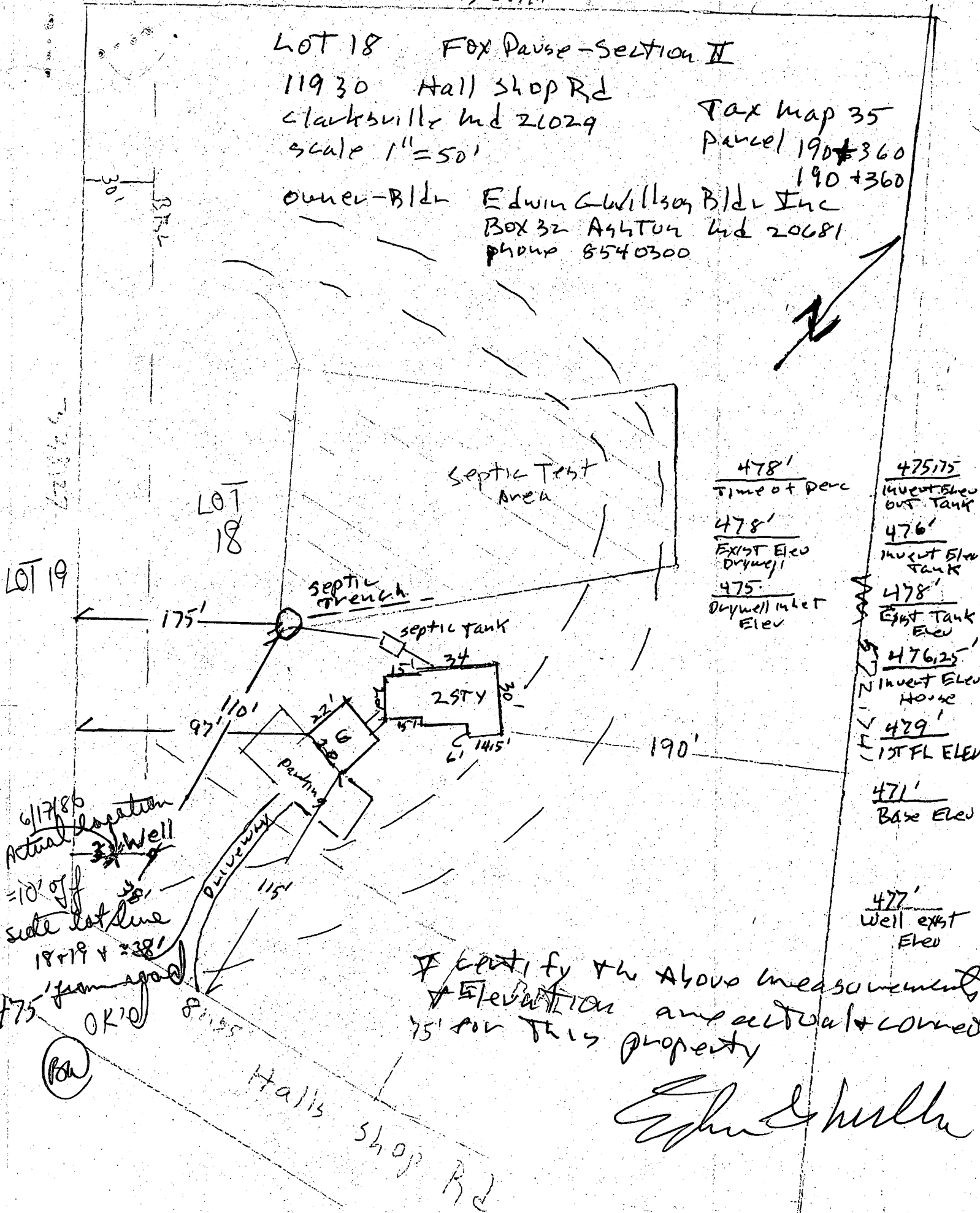
328197

LOT 18 Fox Pause - Section II

11930 Hall Shop Rd
Clarksville Md 21029
scale 1" = 50'

Tax map 35
Parcel 190 + 360
190 + 360

owner - Bldr Edwin G. Willson Bldr Inc
Box 32 Ashton Md 20681
phone 8540300



478'	Time of Perc	475.75	Inlet Elev
478'	Exist Elev Drywell	476'	Out Tank
475'	Drywell Inlet Elev	478'	Inlet Elev Tank
		476.25'	Exist Tank Elev
		479'	Inlet Elev House
		471'	1st FL Elev
		477'	Base Elev
			Well exist Elev

6/17/86
Actual location
Well
= 10' off
side lot line
18 + 19 + 38'
475' from road
OK'D

I certify the above measurements
& Elevation are actual & correct
75' for this property

Edwin G. Willson