

6/1/2000  
1-00

# PERMIT

**SEWAGE DISPOSAL SYSTEM**  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

P 513602

A REPAIR

ISSUE DATE 5/23/2000

APPROVAL DATE 6/8/00

INDEXED 02-275511

Freedom Septic IS PERMITTED TO INSTALL ALTER  X

ADDRESS 239 West Old Liberty Road, Eldersburg, MD 21784 PHONE 410-795-2947

SUBDIVISION \_\_\_\_\_ LOT NUMBER 1 ADDRESS 10778 Frederick Road

PROPERTY OWNER Jonathan Cook PROPERTY OWNER'S ADDRESS Same

SEPTIC TANK CAPACITY \_\_\_\_\_ GALLONS

PUMP CHAMBER CAPACITY \_\_\_\_\_ GALLONS

NUMBER OF BEDROOMS \_\_\_\_\_

SQUARE FEET PER BEDROOM \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED \_\_\_\_\_

TRENCHES: Trenches to be \_\_\_\_\_ feet wide. Inlet \_\_\_\_\_ feet below original grade. Bottom maximum depth \_\_\_\_\_ feet below original grade. \_\_\_\_\_ feet of stone below distribution box.

LOCATION: \_\_\_\_\_

REPAIR - PURPOSE - To replace existing septic tank.

Call for inspection when ground is opened so sanitarian can recommend repair. 5/23/00

PLANS APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

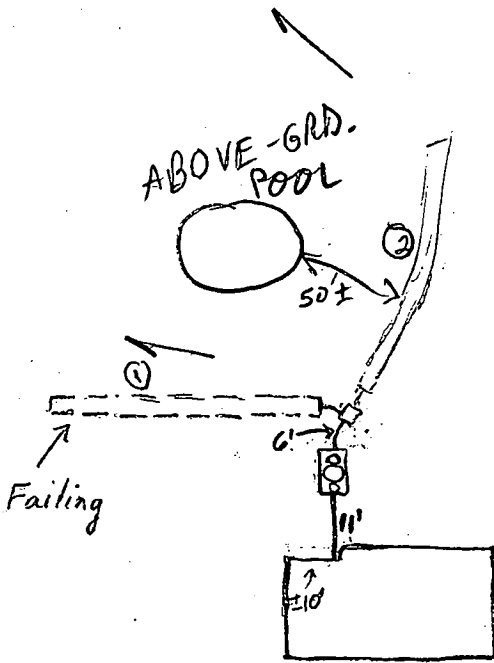
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

513602  
A 513602

NOT TO SCALE



• HO-73-3577

**TRENCH DATA**

TRENCH WIDTH \_\_\_\_\_  
 TRENCH INLET DEPTH \_\_\_\_\_  
 TRENCH BOTTOM DEPTH \_\_\_\_\_  
 DEPTH OF STONE \_\_\_\_\_  
 NUMBER OF TRENCHES \_\_\_\_\_  
 TOTAL TRENCH LENGTH \_\_\_\_\_  
 ABSORBENT AREA \_\_\_\_\_  
 DISTRIBUTION BOX LEVEL \_\_\_\_\_  
 BAFFLE IN DISTRIBUTION BOX \_\_\_\_\_

**SEPTIC TANK DATA**

SEPTIC TANK <sup>(2-Compartment)</sup> 1500 TS GALLONS  
 MANHOLE RISER Yes  
 6 INCH INSPECTION PORT Yes

**PUMP CHAMBER DATA**

PUMP CHAMBER GALLONS /  
 MANHOLE RISER /  
 ALARM /  
 PUMP PERFORMANCE TEST /

PRE-CONSTRUCTION INSPECTION: \_\_\_\_\_

INSPECTION COMMENTS: 6/1/00 Connected to iron pipe coming from house. New tank. Trench 1 appears to be saturated. Invert to trench 2 is going uphill. Appears trench 2 hasn't been used because effluent couldn't get to it. Distribution box installed. Dirt and surface stone in trench 2 will have to be removed and pipe relevelled. New stone to be placed around leveled pipe and stone to be papered. (BB) 6/2/00 INSTALLER NOT ON-SITE, T/C TO INSTALLER'S

OFFICE TO DISCONNECT TRENCH #1; SINCE NEVER PERMITTED; INSTALLER TO INSPECTOR 6/8/00 DATE SYSTEM APPROVED A McMiller

CALL MON A.M.; OK TO COVER 2 (MR) 6/8/00 Installer reports speed leveler in D.B. turned up - therefore it is not in use - sewage will not overflow into trench until #2 fails etc

HOWARD COUNTY

INDEXED

A29584  
P 30840

DISTRICT 2nd.

DATE 8/12/80

Jon Cook

IS PERMITTED TO INSTALL X ALTER

ADDRESS 10890 Frederick Road, Ellicott City, Md. 21043 PHONE 465-4141

SUBDIVISION \_\_\_\_\_ ROAD 10778 Frederick Road LOT 1

PROPERTY OWNER Jonathan Cook PHONE: 465-4141

ADDRESS 10890 Frederick Road, Ellicott City, Maryland 21043

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET. BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET. BOTTOM AREA \_\_\_\_\_ SQ. FT.

Dry Well SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 125 SQ. FT. per bedroom

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 5 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AND \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AS SEEN WHEN

FACING LOT FROM

Location of dry well per plat: 177 feet from front property line and 115 feet in from

right right property line when facing lot from Route 144. NOTE: OKAY TO USE TRENCH OFF DRY WELL TO MAKE UP ABSORBENT SIDEWALL AREA IN SYSTEM. LEAVE 5 FT. EARTH BUFFER BETWEEN TRENCH AND DRY WELL. TRENCH TO FOLLOW CONTOUR OF THE LAND.

*In lieu of Dry Well Trench 3'-4" Total absorbent area needed 495 sq. ft. TRENCH TO BE 75 feet long, (7 ft. of stone) and 12 ft. maximum depth. Call for 2 inspections*

PLANS APPROVED BY \_\_\_\_\_ DATE 2/1/80

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.

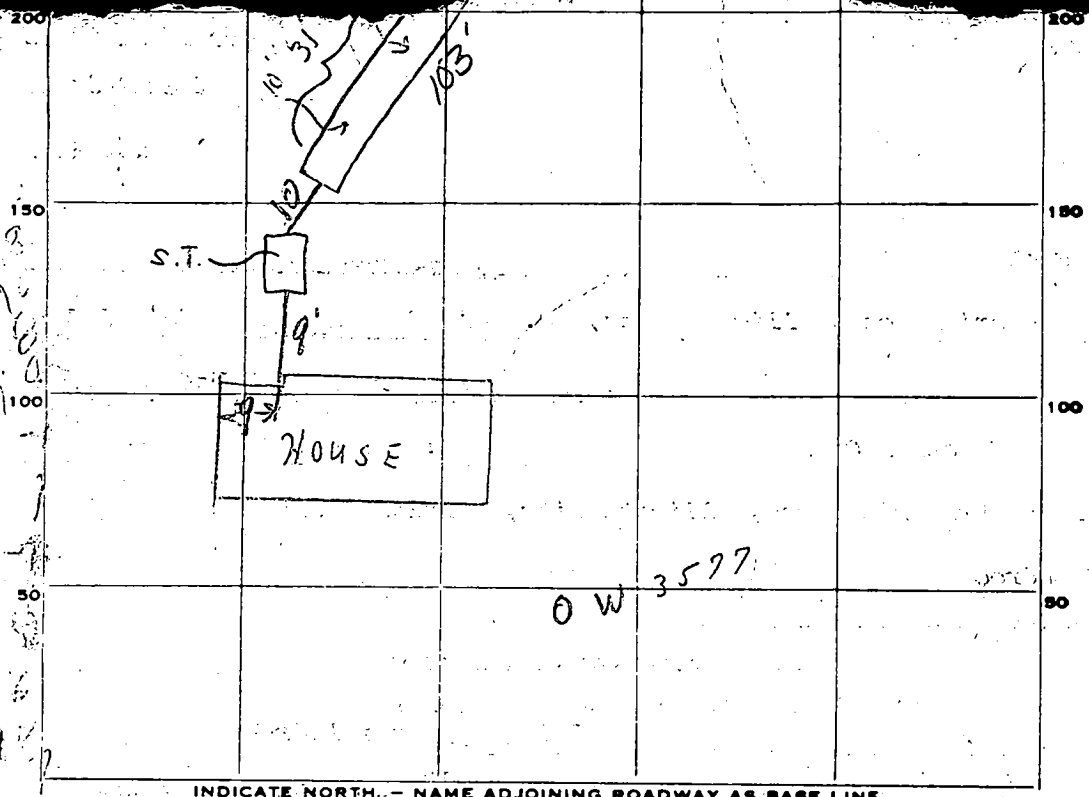
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZO ACCEPTED.

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

HD - 23

*8/14/80 @ site - see above corrections for trench system as proposed by F.F. over C.B.D.'s system initially by C.B.D.*

A 29584



INDICATE NORTH -- NAME ADJOINING ROADWAY AS BASE LINE.

KT. 144

PERMIT CARD

SEPTIC TANK, LEVEL METAL CLEANOUTS NO YES BUT WRONG  
 WITH POURED CONCRETE TOP  
 DISTRIBUTION BOX, LEVEL FF SAID 11" POT CONCRETE TOP ON METAL TANK ON P/HOW'S  
8/19/80 PER MR COOK  
 TILE FIELD, DEPTH 10' avg FT. TRENCH WIDTH 2 FT.  
 GRAVEL DEPTH 6" avg IN. TOTAL LENGTH 103 FT.  
 NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 575'  
 SEEPAGE PITS, INSIDE DIAMETER - FT. DEPTH BELOW INLET - FT.  
 ABSORBENT AREA - SQ. FT.

REMARKS 8/14/80 @ site - SEE FRONT FOR TRENCH SYSTEM SPECS  
CLARIFIED @ SITE WITH MR. JON COOK. NO CONSTRUCTION THIS DATE  
8/19/80 P.M. CHECKED - TRENCH ONLY - FIRST 31' <sup>G.B.S.</sup> 10' in DEPTH SEEN.  
(NEED TOTAL OF 95' OF TRENCH - IF 10' DEEP) 9/20/80 BOT 70M  
OF DITCH NOT FLAT MOUNDS & DIPS AVERAGE DEPTH 10 FT, NOW 75 FT LONG  
COOK TO DIG MORE & FLATTEN BOTTOM WE WILL REMEASURE BUT 15 TO STONE  
1ST 30 FT OF DITCH  
 DATE SYSTEM APPROVED 8-29-80 SEE PAGE 2 ATTACHED  
 INSPECTOR [Signature]

19/15  
2

Re: Permit # A-29584-P-30840 8/29/80

## Statement of Liability -

A septic tank located on Lot 1, Cook Property - address 10778 Frederick Rd. Ellicott City - owned by Tom & Virginia Cook should care in - whether I am owner or not - I will be responsible for its repair - only to the extent of replacing the septic tank.

*if necessary.*

*Jon D. Cook*

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.

SEP 2 12 23 PM '80

DIVISION OF  
ENVIRONMENTAL  
HEALTH

SEP 2 10 30 AM '80

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
EDICOTT CITY, MD.

# APPLICATION

A 29584

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

*Free*  
3/30/79  
9:30 A.M.

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

Septic Tank { 1-3 Bedrooms 1000 gallons  
4 Bedrooms 1250 gallons

DISTRICT 2nd

effective absorbent sidewall area per bedroom below first 5' of original soil. Drill can  
come in @ 3' and maximum depth 12' below original  
grade. location per plat: 179' from front property line  
and 115' in from right property line when facing lot from Pt. 144

DATE 3/19/79

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 Jon Cook family  
P.F. trench 75' long, 7' wide,  
12' max depth.

used need:  
(1) 5' earth buffer  
Jonathan Cook

ADDRESS 10890 Frederick Road, Ellicott City, Md. 21043

PHONE 465-4141

PROPERTY LOCATION

between trench and  
dry well.

SUBDIVISION \_\_\_\_\_ LOT NO \_\_\_\_\_

ROAD AND DESCRIPTION 10890 Frederick Road - opposite Manor Lane

(2) 2 inspections  
of trench before  
and after stow in

Use existing structure on property as landmark.

SIZE OF LOT 60 acres plus or minus

TYPE BLDG. 3 or 4 bedrooms

(3) Run trench on contour

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.

SIGNATURE OF APPLICANT Jonathan Cook

BLDG. PERMIT SIGNED  
AND RETURNED 6/23/80  
Serial # 43005

APPROVED BY C. P. Wrecker

FOR Dry Well & Trench

DATE 2/1/80

REJECTED BY \_\_\_\_\_

FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

Field sheet

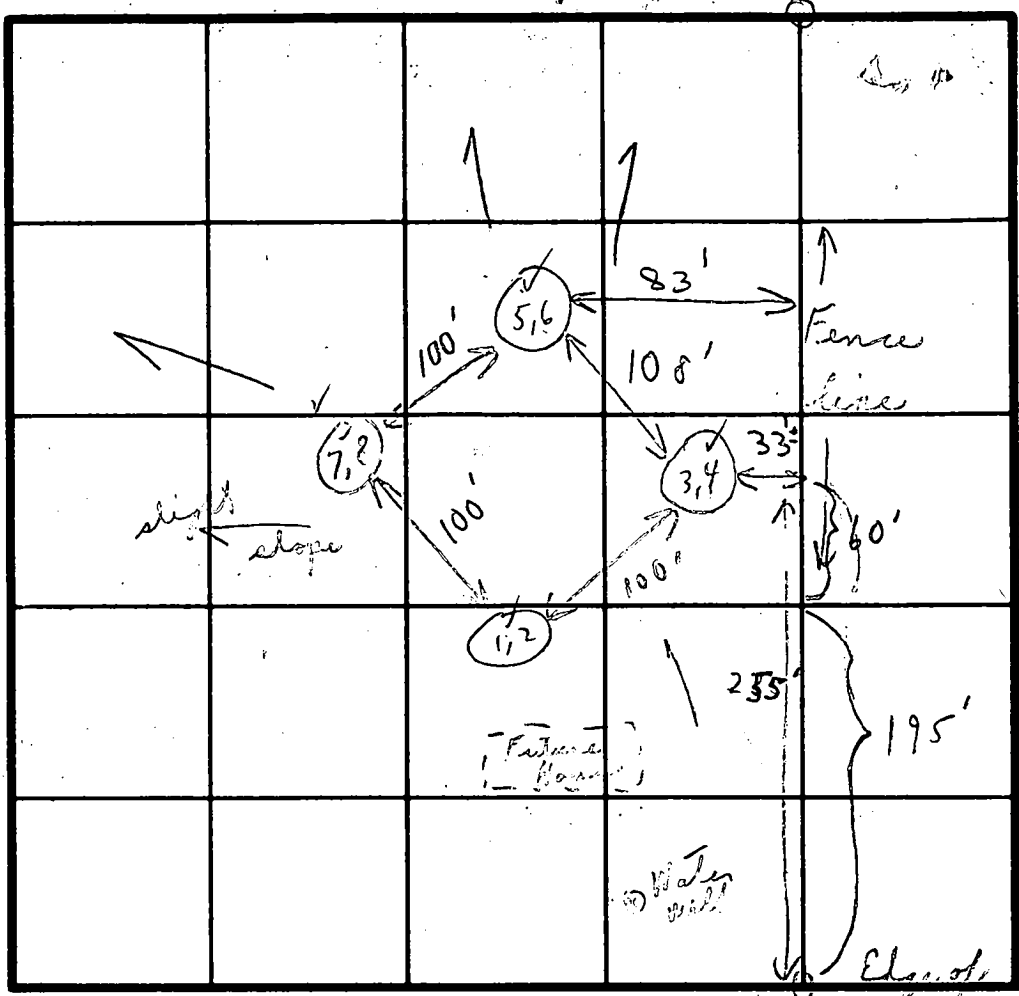
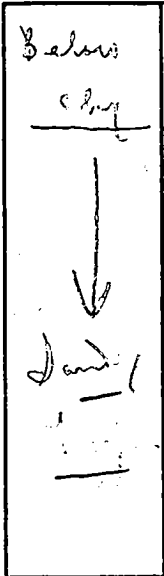
Tests not

Field Book

□  
□

Fence  
1/2" Clay  
per  
Cook

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

← 2174 → E.C.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/30/73	1A	4 1/2'	9:42	9:51	9:51	10:23	32	
	2	14'	9:43	9:46	9:46	9:49	3	
	5A	4 1/2'	10:13	10:30	1 1/2" Clayish			
	6	14'	10:18	10:20	10:20	10:22	2	
	3	6'	has similar to others?					
	4	13 1/2'	:	:	:	:		
	7	4'	9:50	9:52	9:52	9:54	2	
	8	14'	9:56	9:59	9:59	10:10	11	
	1B	5'	10:37	10:40	10:40	10:53	13	
	5B	5'	10:54	11:01	11:01	11:13	12	
							43	

1/2" = Clay

8m

REMARKS Tests on brush Hold for certified holes  
 TYPE OF SOIL in dry field (Send memo) Mr. John Cook own  
 TESTED BY C.B. ALSO PRESENT Mr. Jeff Jones digger

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL

Form B 1: OWNER, STREET OR RFD, POST OFFICE. Includes handwritten date 5/23/80 and owner name Cook.

Form B 1 CONTINUED: DRILLER INFORMATION. Includes date Feb 26, 1980, license number 273, and driller name Kalish MAYNE.

Form B 3: LOCATION OF WELL. Includes county, subdivision, section, lot, and nearest town information.

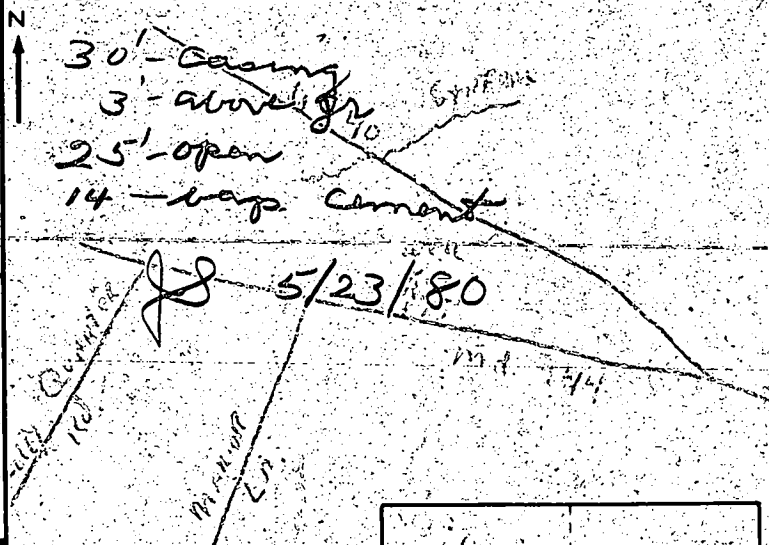
Form B 2: WELL INFORMATION. Includes maximum pumping rate and average daily quantity needed (500 gallons per day).

Form B 4: DIRECTION FROM TOWN. Includes compass rose and distance from road information.

Form B 2 CONTINUED: USE FOR WATER. Includes options for home, farming, industrial, municipal, private, and test.

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH.

Form B 2 CONTINUED: APPROXIMATE DEPTH OF WELL (150 FEET) and APPROXIMATE DIAMETER OF WELL (6 INCH).



Form B 2 CONTINUED: METHOD OF DRILLING USED. Includes options for bored, jetted, driven, air-rotary, air-percussion, rotary, reverse-rotary, and drive-point.

Form B 2 CONTINUED: REPLACEMENT OR DEEPEMED WELLS. Includes options for not replacing, replacing and sealing, replacing as a standby, or deepening an existing well.

Form B 2 CONTINUED: NOT TO BE FILLED IN BY DRILLER. Includes appropriation permit number and engineer review district number.

Form B 4 CONTINUED: HEALTH DEPARTMENT APPROVAL. Includes north and east coordinates and elevation at well head.

Form B 4 CONTINUED: HEALTH DEPARTMENT APPROVAL. Includes state health approval, county name, and date.

Form B 5: SPECIAL CONDITIONS 8-63 (WRA USE ONLY). Includes a grid for special conditions.

C 1 2918 (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 027504

DATE RECEIVED (WRA USE ONLY) 5/23/80 DEPTH OF WELL 145  
 DATE WELL COMPLETED 5/23/80 PERMIT NO. FROM "PERMIT TO DRILL WELL"  
 28 29 30 31 32 33 34 35 36 37  
 DRILLERS IDENTIFICATION NO. 273

OWNER Cook TOWATHAN O. FIRST NAME Elliecott City Md.  
 LAST NAME STREET OR RFD 10890 FREDERICK Rd POST OFFICE

**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	
Top Soil	0	2	
Sandy	2	20	✓
Sandstone	20	35	
Mica	35	45	
Sandstone	45	50	✓
Mica	50	145	

**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 94 NO. OF POUNDS 1400  
 GALLONS OF WATER 84  
 DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 28 FT.  
 (ENTER 0 IF FROM SURFACE)

**CASING RECORD**  
 INSERT APPROPRIATE CODE BELOW: STEEL  CONCRETE   
 PLASTIC  OTHER   
 MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 30

**OTHER CASING (IF USED)**  
 DIAMETER (INCH) FROM TO

**SCREEN RECORD**  
 INSERT APPROPRIATE CODE BELOW: STEEL  BRASS OR BRONZE  OPEN HOLE   
 PLASTIC  OTHER

**DEPTH (NEAREST WHOLE FOOT)**  
 FROM 28 TO 145  
 SLOTSIZE 1. 20 2. 20 3. 20

**PUMPING TEST**  
 HOURS PUMPED (TO NEAREST HOUR) 6  
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 30  
 METHOD USED TO MEASURE PUMPING RATE Blue Net  
 WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 20 (NEAREST FOOT) WHEN PUMPING 145 (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) 29  
 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

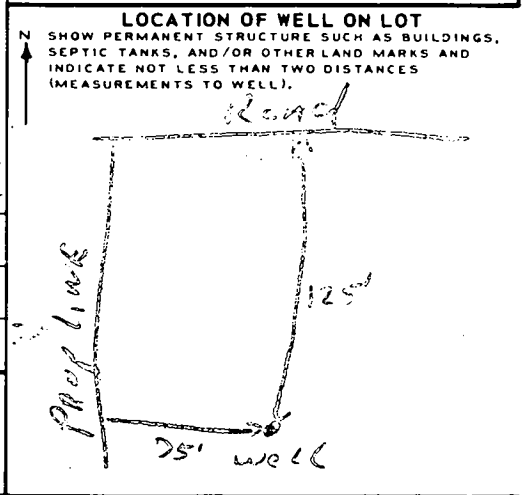
**CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)**  
 ABOVE } LAND SURFACE (NEAREST FOOT) 2  
 BELOW }

**CIRCLE APPROPRIATE BOXES**  
 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 Ralph Mayne  
 SIGNATURE Ralph Mayne

DIAMETER OF SCREEN 56 (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)  
 TELESCOPE CASING  LOG INDICATOR  OTHER DATA AVAILABLE



**NOTES:**

1. Total Area of Property . 58.28 Acres ±
2. Present Zoning . . . . . Rural
3. Number of Lots . . . . . 1

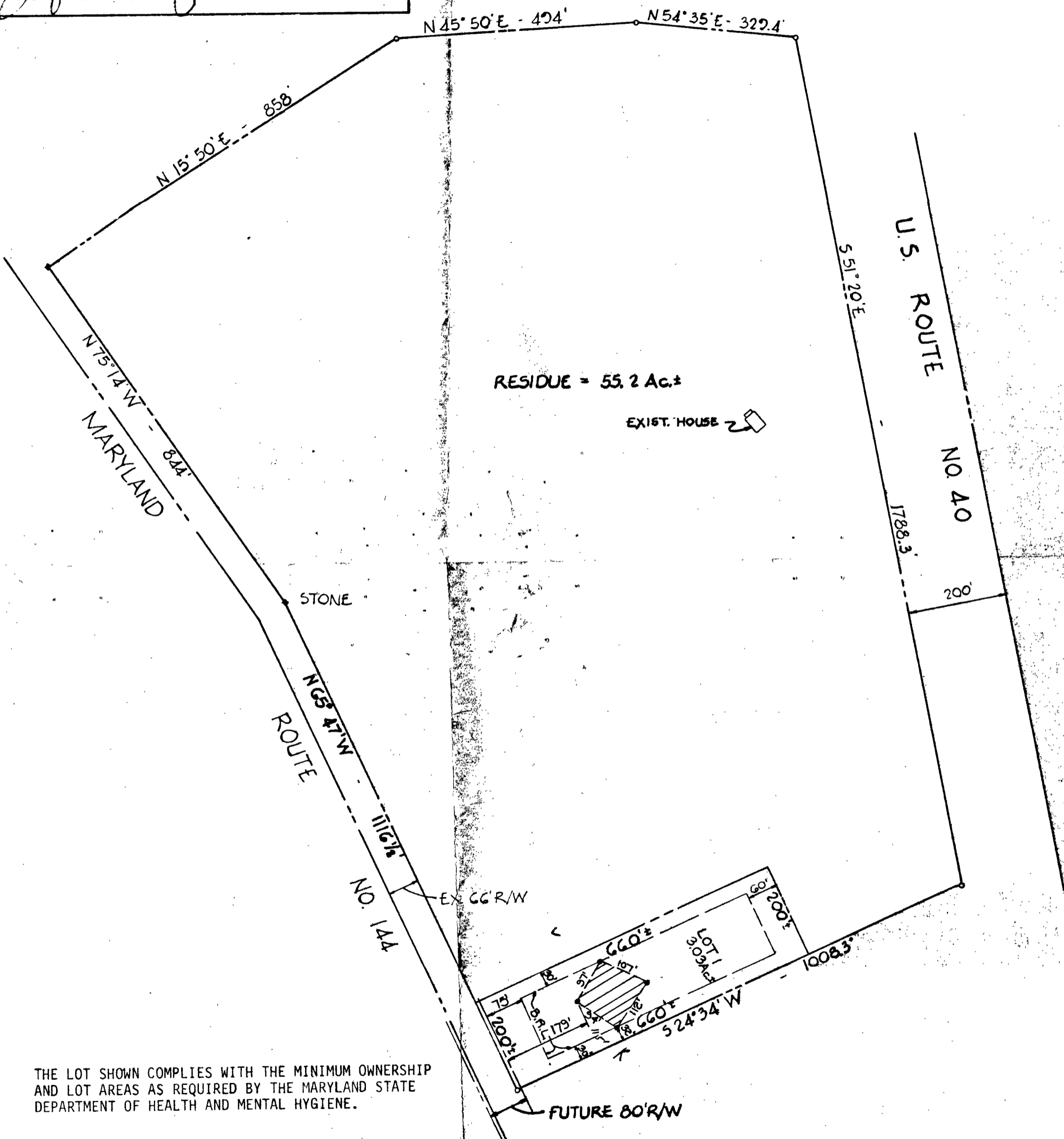
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

*Joseph B. Allen* 1-30-80  
 COUNTY HEALTH OFFICER DATE



THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURE CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM.

● DENOTES FIELD LOCATION OF PERC TEST HOLE.



THE LOT SHOWN COMPLIES WITH THE MINIMUM OWNERSHIP AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

FISHER, COLLINS & CARTER, Inc.  
 Consulting Engineers & Land Surveyors  
 8388 Court Avenue  
 Ellicott City, Maryland 21043

**LOT 1**  
 PROPERTY OF  
 CHARLES F. COOK  
 2nd ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

April 24, 1979

Scale 1"=200'

~~8/21/80~~  
~~a.m. if possible~~  
8/22/80  
a.m. if possible

P 30840  
A 29584

1) COOK

FREDERIC RD OPP MAYOR LANE

8/21/80 - DITCH DUG 102 FT LONG & THE  
BOTTOM OF DITCH MADE FLATTER  
REMEASURE DEPTN MEASURED DEPTH AT 10 PLACES  
EVERY 10 FT AVG. DEPTH IS 10 FT.  
INLET TO DITCH COMES IN 4" FT.  
BELOW GRADE OK TO ADD STONE  
& PIPES TO DITCH REPLACE 4"  
CLEANOUT ON TANK WITH 6" CLEANOUT

8-22-80 F.F. need more gravel -  
additional cement on top of S. tank

need note that he accepts responsibility for  
strength of metal S.T.

8-25-80 Gravel depth OK, cement on Top of S.T.  
OK. Unacceptable tar shingles covering gravel in  
Trench! Remove & replace with approved building  
paper. 5' fb cleanout unacceptable. If  
grade is to be 5' above tanks, need manhole  
Type clean out SK + JS

8-25-80 approved paper over gravel, OK to  
cover trench. Still need manhole cleanout, also  
need statement on S.T. construction.

8-27-80 Called Lou Cook, He agreed to  
send statement of responsibility for the  
septic tank reconstruction. Said he already  
shattered clear out on st. by 3 1/2'  
Hold final approval for st. statement



