

Approved GLK 19 July 78

7/19/78

7/11/78

PERMIT

P 28170

SEWAGE DISPOSAL SYSTEM

A 26201

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

OS-382831

ELLCOTT CITY

INDEXED

DISTRICT 5th

DATE 6/9/78

1992

Mitchell - Wiley

IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE _____

SUBDIVISION Hallmark ROAD 11286 ^{old} Johns Hopkins Rd. LOT 9, Sec.1

PROPERTY OWNER John Mikolosko

ADDRESS _____

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

BLDG. PERMIT SIGNED
AND RETURNED 4/10/80
Sueal # 43018
Lawn Shed

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

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

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 288 SQ. FT. total absorbent area in dry well.

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 125 FT. FROM front LOT LINE AND 90 FT. FROM right LOT LINE AS SEEN WHEN

FACING LOT FROM

TRENCH-to be be 70 ft. long with inlet at 4 ft. and maximum depth 10 ft. Run trench across lot parallel to Johns Hopkins Road with contour.

PLANS APPROVED BY David J. O'Neill DATE 11/28/77

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.

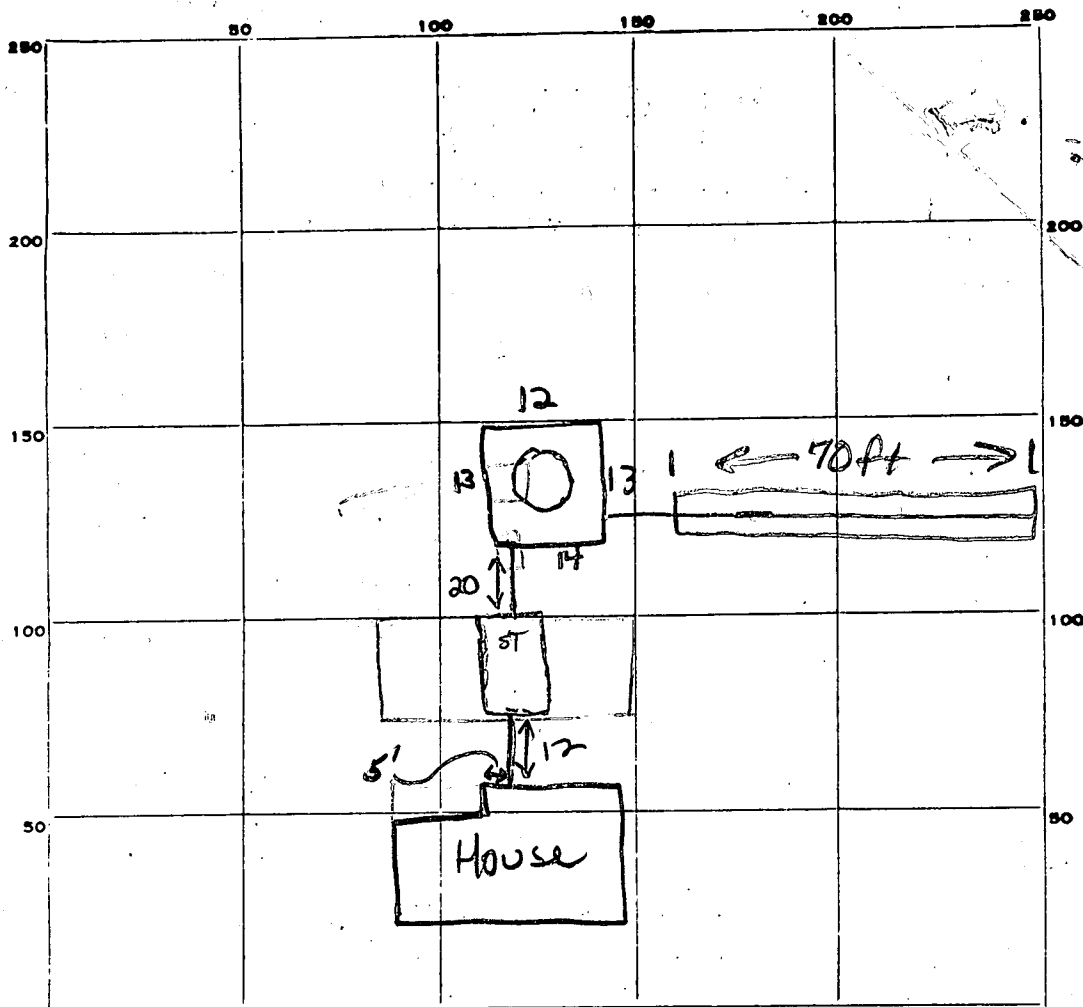
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 8 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

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

A 26201



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

251
27
52
x6
312

Johns Hopkins Rd

PERMIT CARD SEPTIC TANK, LEVEL CLEANOUTS ST. OW Ferracotta

DISTRIBUTION BOX, LEVEL Na

TILE FIELD, DEPTH 10' FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6' IN. TOTAL LENGTH 70' FT. 420

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 420 1/2 SW

SEWERAGE PITS, INSIDE DIAMETER 52 FT. DEPTH BELOW INLET 6 FT. 312

Total ABSORBENT AREA ±732 SQ. FT.

REMARKS Done 6/21/78

14 July 78 - Add gravel to trench. Continue work on DW and ST. Call for final (GLK)

19 July 78 - Cover all work (GLK)

DATE SYSTEM APPROVED 19 July 78 INSPECTOR G. Keller

APPLICATION

A 26201

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5TH

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

DATE JUNE 22, 1977

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 DONALD SIMPSON

ADDRESS JOHNS HOPKINS ROAD CLARKSVILLE MARYLAND PHONE 725-2847

PROPERTY LOCATION:

SUBDIVISION HALLMARK SECTION 1 LOT NO. 9

ROAD AND DESCRIPTION 11286
JOHNS HOPKINS ROAD

SIZE OF LOT 40,000^{sq ft} TYPE BLDG. 3BR4
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: Charles J. Crow

APPROVED BY David J. [Signature] FOR Day Well [Signature] DATE 11/25/79
(KIND OF SYSTEM)

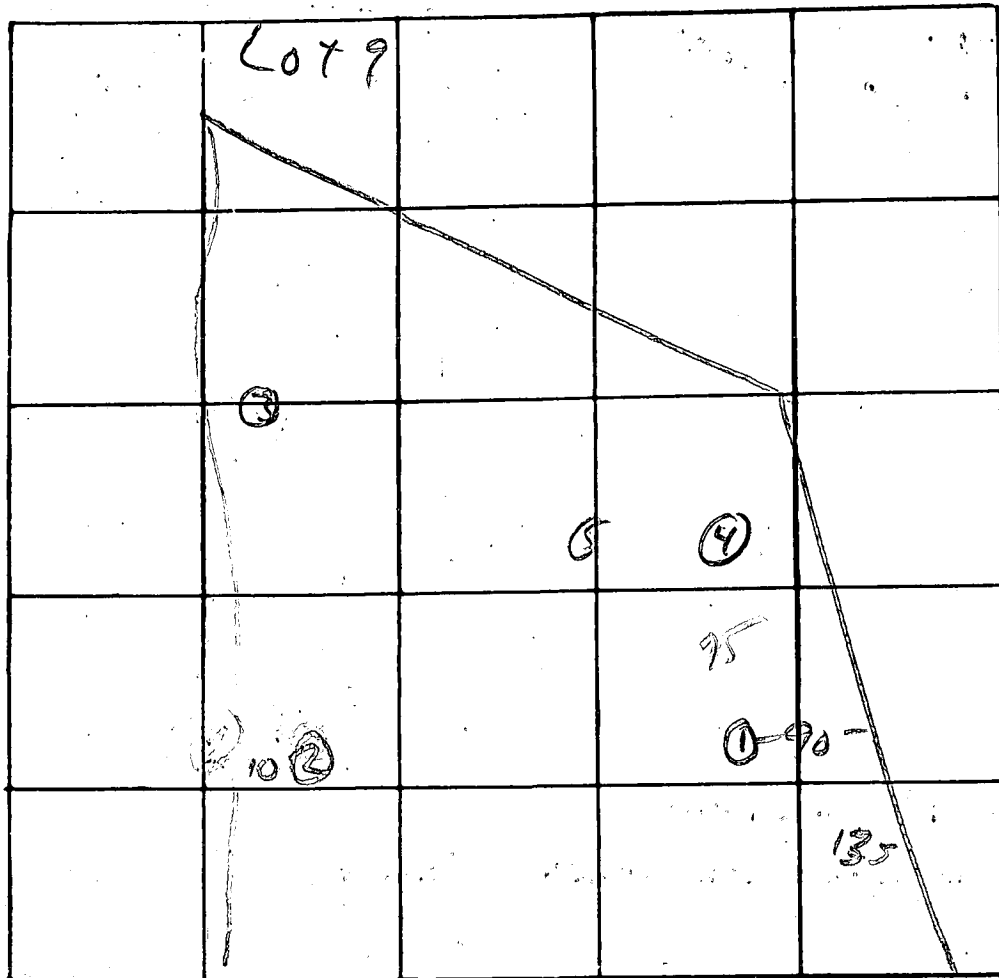
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 5/8/78
serial # 35650

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

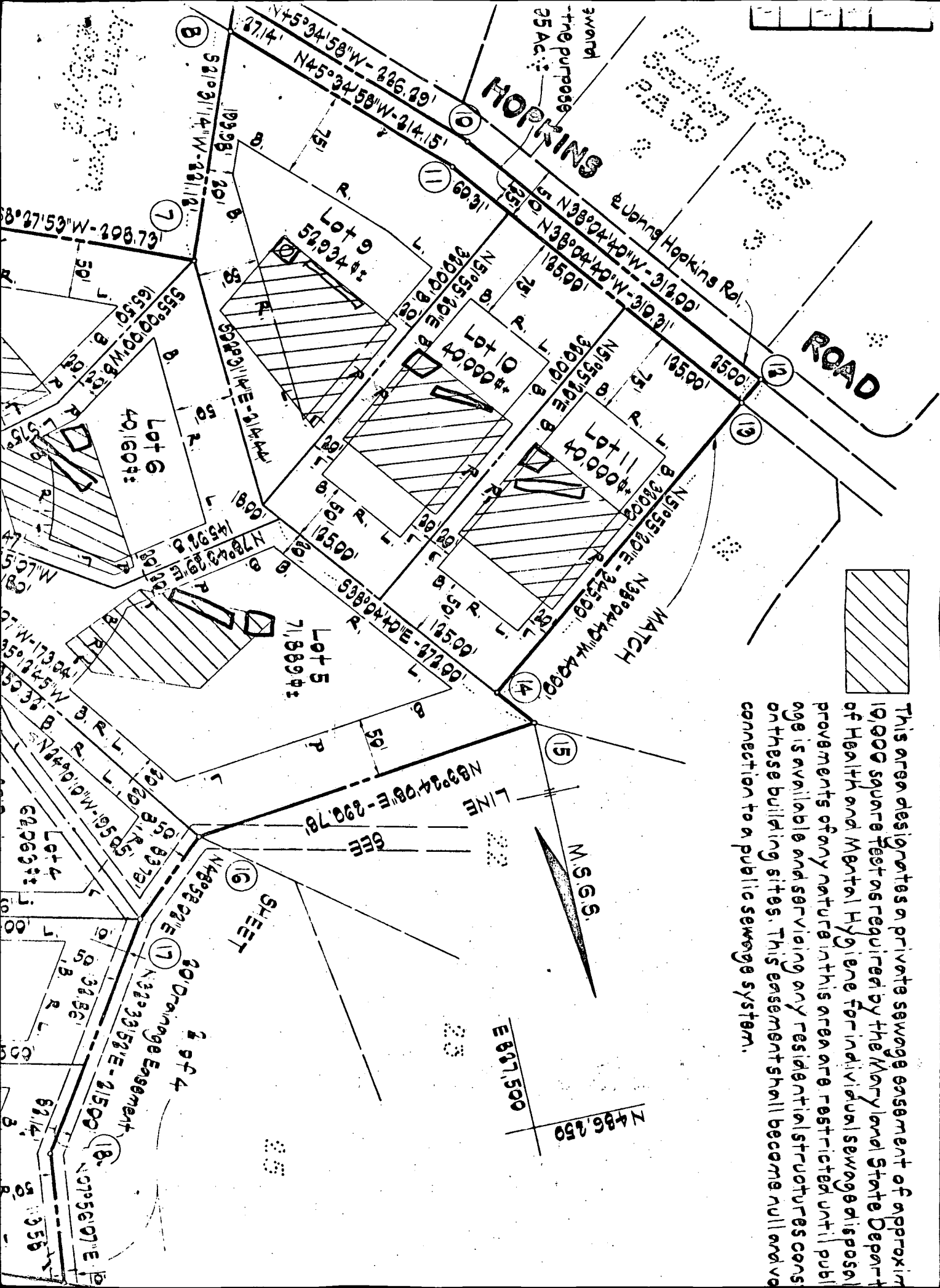
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/12/52	1 Hys	5'	10 ¹⁵	10 ²⁹	10 ²⁹	10 ⁴⁴	17
		13'	10 ³⁵	10 ⁴⁷	10 ⁴⁷	10 ⁵⁸	5
	4	6	10 ³⁰	10 ²⁶	10 ²⁶	10 ³²	4
		14	10 ²⁰			10 ³⁰	6'
	3 S	4	10 ³⁴	10 ³²	10 ³²	10 ⁴⁰	8
	d	13'	10 ³⁰	10 ³²	10 ³²	10 ³⁸	3
	2 W	2 1/2'	Specimen				
	5	hole - base	Rec 4	2-6'			
		unsafe	to party				

4'
11X

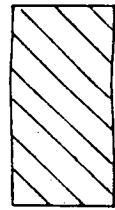
REMARKS _____

TYPE OF SOIL _____

TESTED BY DPJON ALSO PRESENT: _____



This area designates a private sewage easement of approximately 19,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal improvements of any nature in this area. No residential structures on these building sites. This easement shall become null and void connection to a public sewage system.



HOPKINS

ROAD

M.S.G.S.

SHEET

30' Drainage Easement

E 897.500

N 486.250

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

B 1 1958
 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, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
 HO-73-25860
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
 4/20/78
 9:30 A.M.

OWNER Mikolaski
 COL 15 LAST NAME
 STREET OR RFD 2205 Holly Rd
 COL 36
 POST OFFICE Timonium Md
 COL 57
 FIRST NAME John
 COL. 34
 COL. 55
 COL. 76

B 1 CONTINUED
 1 2 3 (SEQ. NO.) 6
DRILLER INFORMATION
 DATE Feb 10, 1978 LICENSE NUMBER 238
 77 80
 FIRST NAME Joseph H. Wayne DRILLER LAST NAME
 SIGNATURE Joseph H. Wayne

B 3 LOCATION OF WELL
 1 2 3 (SEQ. NO.) 6
 COUNTY Howard
 (DO NOT ABBREVIATE COUNTY NAME) 21
 SUBDIVISION Hall Mark
 23 42
 SECTION G LOT 9
 44 48 50
 NEAREST TOWN Fulton
 52 71
 MILES FROM TOWN (ENTER 0 IF IN TOWN) 1 1/2 MI
 73 76 77 78

B 2 WELL INFORMATION
 1 2 3 (SEQ. NO.) 6
 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 750
 14 20
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING, AGRICULTURE, IRRIGATION
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
 MUNICIPAL WATER SUPPLY
 PRIVATE WATER COMPANY } MUST HAVE STATE HEALTH DEPT. APPROVAL
 TEST

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
 1 2 3 (SEQ. NO.) 6
 NORTH EAST NORTHEAST SOUTHEAST
 SOUTH WEST NORTHWEST SOUTHWEST
 NEAR WHAT ROAD John Hopkins Rd
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH EAST WEST
 8 9 30
 32 32 32
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 45 FT
 34 37 38 39

APPROXIMATE DEPTH OF WELL 300 FEET
 24 28
 APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)
 METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
 BORED (ON AUGERED) JETTED DRIVEN
 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE-ROTARY DRIVE-POINT
 OTHER (DESCRIBE)

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. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

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)

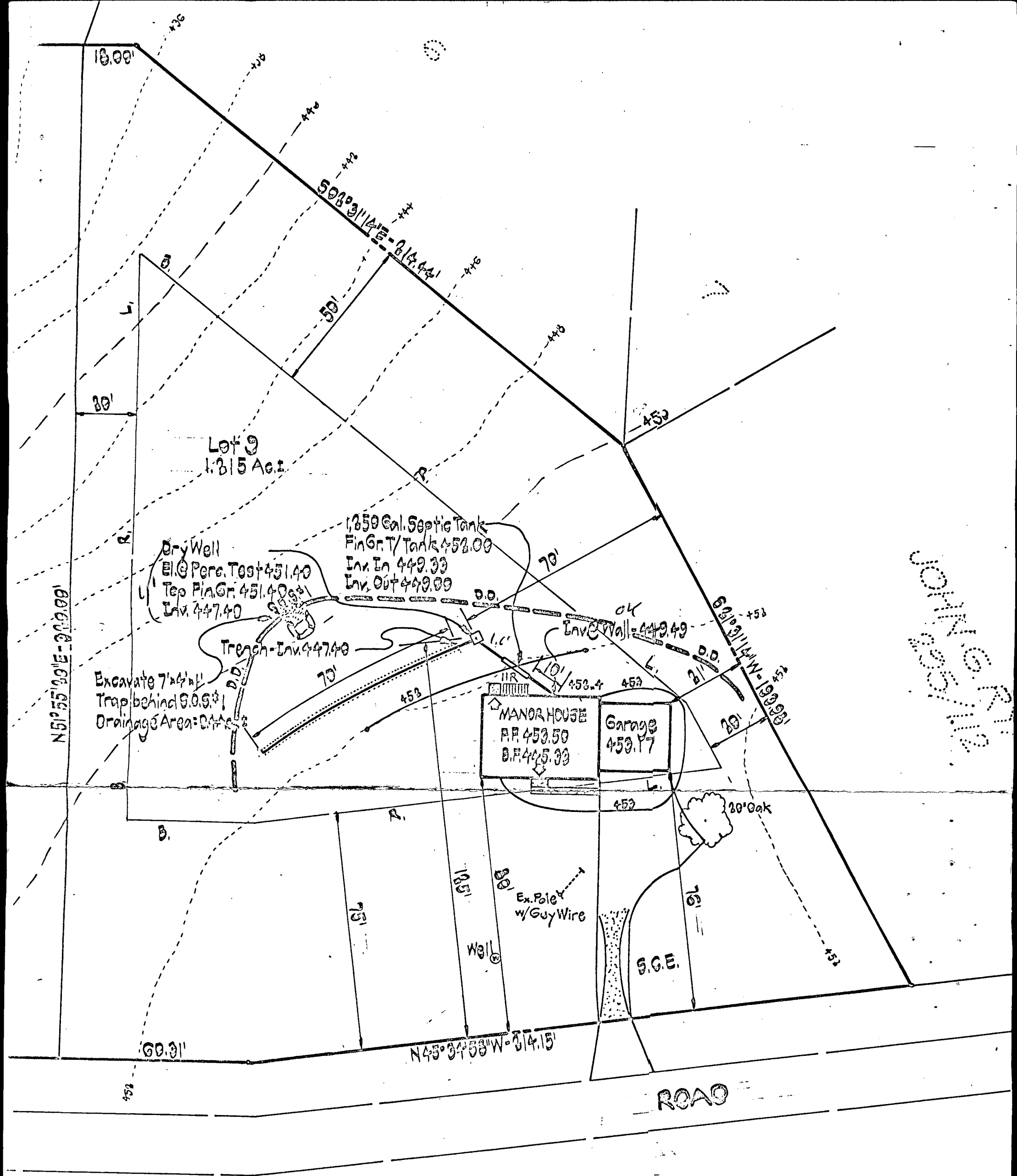
4/20/78
 Well is 340' deep 1 1/2" gpm
 located 25' from road, 105' from pines.
 82' casing to 3 1/2" absolute gravel level
 44' open hole measured
 Pipe down to 68' thru solid
 John Hopkins Rd
 2 1/2 bags cement
 OK and 3.

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)
 APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 65
 FORCE 67 WRITE INITIALS IN BOX AA CONDITIONS AA
 67 68 70 71 72 73 74 75 76 77 78 79

BOX NUMBER E 820
N 480
 NORTH COORDINATE 024000
 50 51 52 53 54 55
 EAST COORDINATE 082500
 57 58 59 60 61 62 63
 ELEVATION AT WELL HEAD (FEET) 0/0
 65 66 67 68 0/0 5/0

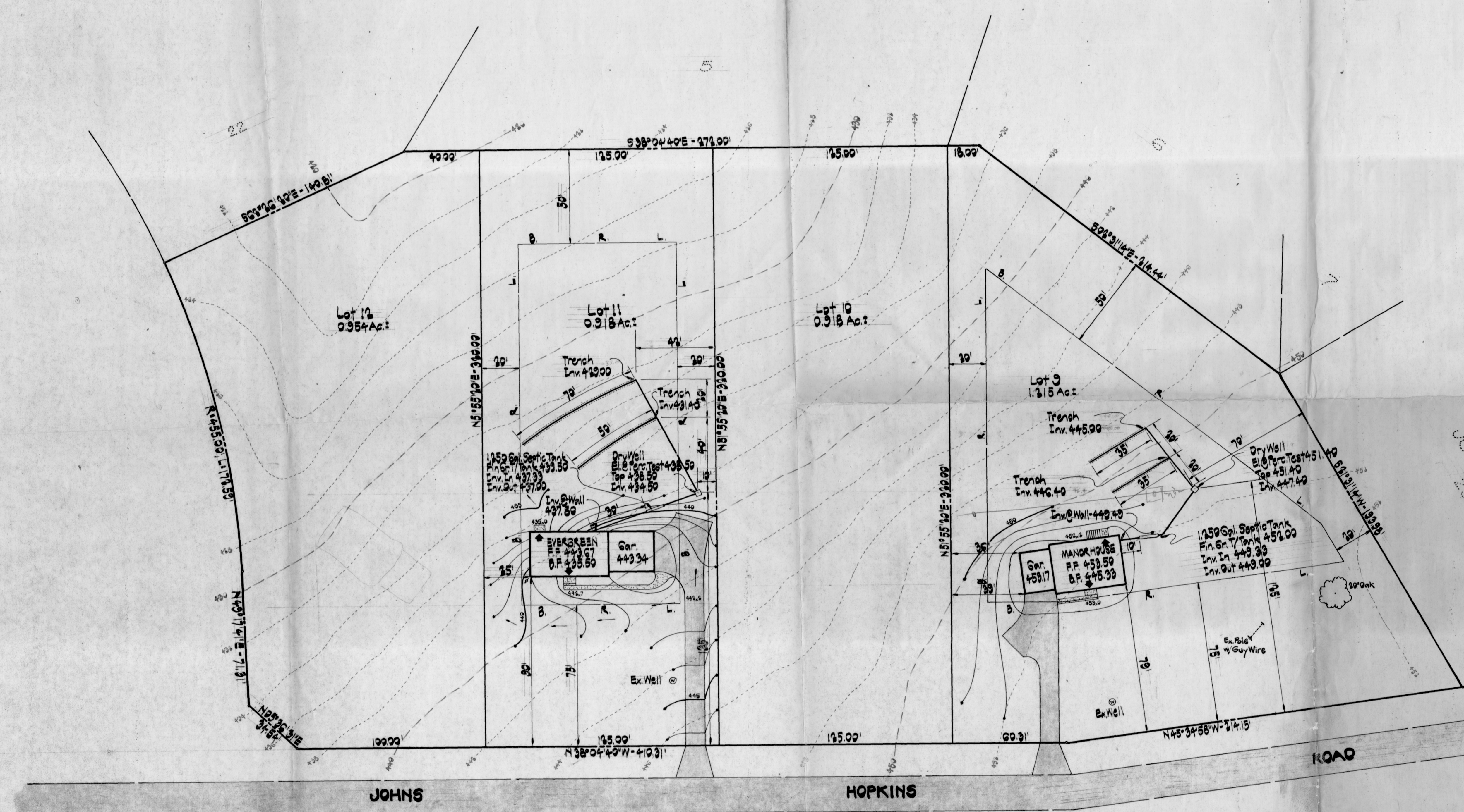
B 4 CONTINUED
 1 2 3 (SEQ. NO.) 6
HEALTH DEPARTMENT APPROVAL
 STATE HEALTH (CIRCLE BOX) 5 COUNTY NAME Howard COUNTY NO. W27547
 MO. DAY YR: 02 14 78
 DATE 43 48
 APPROVED BY Donald N. Monaghan, Sanitarian

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
 1 2 3 (SEQ. NO.) 6



20' Oak

elevations
 Location + elevations
 of Septic on
 2/20/45 5/8/45



Outlet	Drainage Area	W	W ₂
8051	0.442	2'	7'

Note: See detail sheet 1 of 2 GP-78-71

**LOT 9
SITE ANALYSIS**

- 1. Total number of lots - 1
- 2. Total area of lots - 1.2 Ac.
- 3. Total area to be disturbed - 0.3 Ac.
- 4. Total area to be revegetated - 0.9 Ac.

I certify that the above measurements and elevations are actual and correct for this property.

Signed: *Bruce D. Britton*

GROVO & ASSOCIATES, INC.

CIVIL ENGINEERING
LAND SURVEYING

8069 OAK ROAD
BALTIMORE, MD 21244
301-661-3378

OWNER / DEVELOPER

BRANTLY DEVELOPMENT CORP.
218 TEACHERS BLDG.
COLUMBIA, MD 21044
301-739-3819

GRADING PLAN

**HALLMARK
SECTION ONE**

LOTS 9 THRU 12
5TH BLECKEN DISTRICT HOWARD COUNTY, MD.
JUNE 16, 1978 SCALE: 1"=30'

FLAMEWOOD DRIVE

JOHNS

HOPKINS

ROAD

C 1 4366 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) Apr 20 1978 DEPTH OF WELL 345 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-2580
 DATE WELL COMPLETED 4/20/78 (TO NEAREST FOOT) 26
 28 29 30 31 32 33 34 35 36 37
 DRILLERS IDENTIFICATION NO. 238

OWNER Mikoleski LAST NAME John FIRST NAME
 STREET OR RFD 2205 Holly Rd POST OFFICE Leonard, Md

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	
<u>Sand</u>	<u>0</u>	<u>77</u>	
<u>gray limonite sand</u>	<u>77</u>	<u>345</u>	

WELL DESCRIPTION

GROUTING RECORD YES NO
 WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N
 TYPE OF GROUTING MATERIAL (CIRCLE BOX) CM BC
 CEMENT 45-46 BENTONITE CLAY 45 46
 NO. OF BAGS 16 NO. OF POUNDS 1504
 GALLONS OF WATER 96
 DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 68 FT.
 (ENTER 0 IF FROM SURFACE)
 CASING RECORD
 INSERT APPROPRIATE CODE BELOW ST CO
 STEEL CONCRETE
PL OT
 PLASTIC OTHER
 MAIN CASING TYPE S F 6 80
 NOMINAL DIAMETER OF MAIN CASING (NEAREST INCH)
 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT)

C 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 1

METHOD USED TO MEASURE PUMPING RATE M

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
 BEFORE PUMPING 55 (NEAREST FOOT)
 WHEN PUMPING 5 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
 AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 JET SUBMERSIBLE

OTHER CASING (IF USED)
 DIAMETER (INCH) DEPTH (FEET) FROM TO
 SCREEN RECORD
 INSERT APPROPRIATE CODE BELOW ST BR HO
 STEEL BRASS OR BRONZE OPEN HOLE
PL OT
 PLASTIC OTHER

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 } 2

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
 (PLEASE PRINT) Joseph I. Mayne
 SIGNATURE Joseph I. Mayne

C 2 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)
 FROM 10 TO 345
 E A C H S C R E E N
 1 10 78 345
 2
 3
 23 24 26 30 32 36
 38 39 41 45 47 51
 SLOT SIZE 1, 2, 3
 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 70 LOG INDICATOR 72 OTHER DATA AVAILABLE 74 75 76

