

Approved 6/25/82
Stayed P 31852
A 27152

PERMIT

ITEM TO BE INSTALLED
FIXED BEFORE BUILDING
PERMIT CAN BE SIGNED.

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

05-379601

ELLICOTT CITY

DISTRICT 5th

INDEX

DATE 3/26/82

11/25/81
6/25/82

Covey Construction Company

IS PERMITTED TO INSTALL ALTER

ADDRESS 1896 Montevideo Road, Jessup, Maryland 20794 PHONE 799-5537

SUBDIVISION Chris Mar Estates ROAD 13442 Chris Mar Court LOT 4, Sec. 1

PROPERTY OWNER Raymond L. Carper

ADDRESS 5109 Varnum Street, Bladensburg, Maryland 20710 Phone: 779-8696

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD DEPTH FEET. BOTTOM AREA SQ. FT.

~~NOX~~

DEEP TRENCH ~~22~~ DEPTH FEET. BOTTOM AREA ~~222~~ 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

TRENCHES - Two trenches, each 60 ft. long. Inlet to trenches to be ^{5/2} ft. below original grade and maximum depth ^{11 1/2} ft. below original grade. Start the trenches 65 ft. from the rear lot line and 10 ft. from the right side line as seen when facing the property from Chris Mar Court. Place the trench on level ground and call for inspection of trench before placing gravel in trench.

PLANS APPROVED BY Frank Skinner DATE 12/22/81

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.

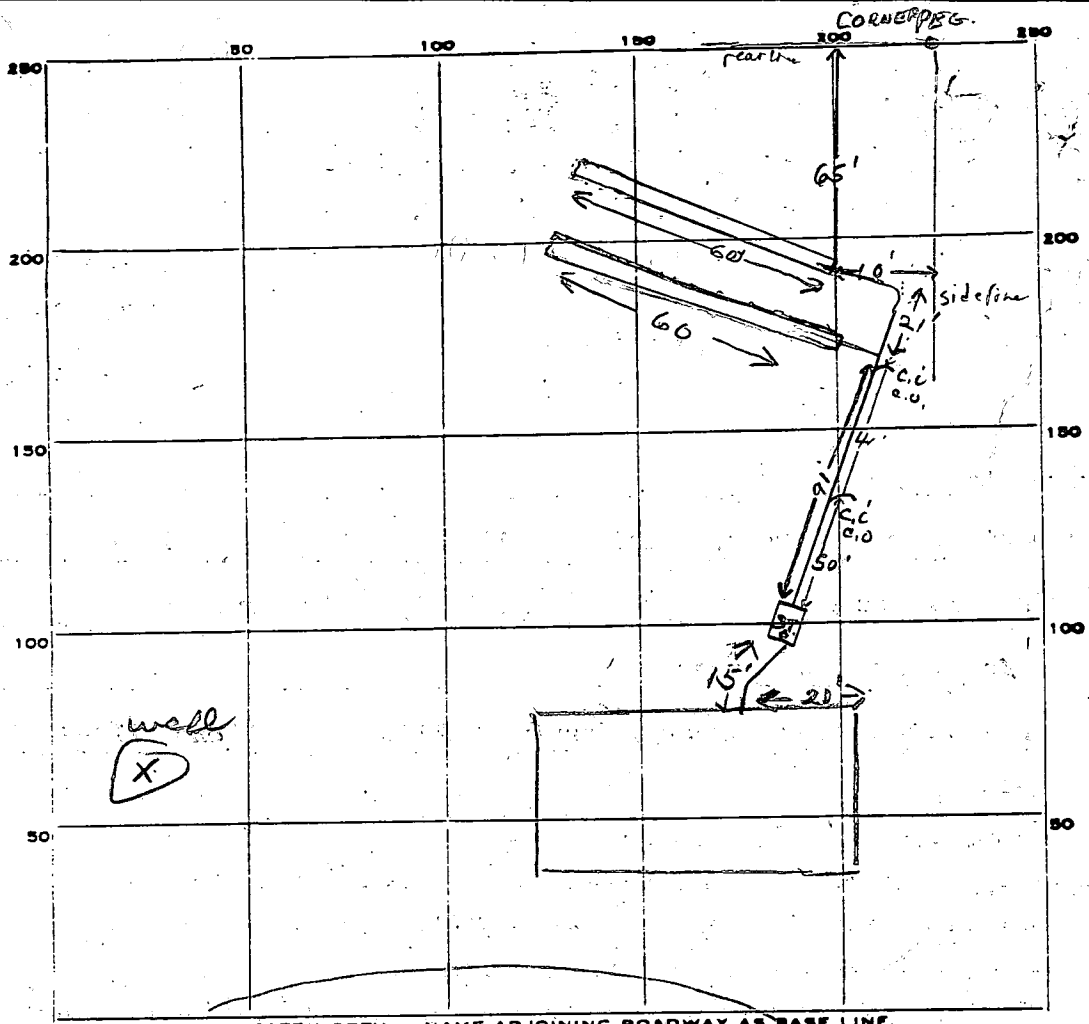
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZZO ACCEPTED.

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

BLDG. PERMIT SIGNED AND RETURNED 12-12-97
Serial # 2010 9099
Addition

BLDG. PERMIT SIGNED AND RETURNED 3/24/82
Serial # 49024

A 27152



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Elvis Mar Court

PERMIT CARD _____

SEPTIC TANK, LEVEL _____

DISTRIBUTION BOX, LEVEL na _____

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

GRAVEL DEPTH 6 FT. TOTAL LENGTH 120 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 720

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

ABSORBENT AREA _____ SQ. FT.

S.T. sewer line
 2 between each trench

REMARKS 3/29/82 Trench #1 location O.K. F.S. O.K. to grade as soon as trench is dug if
space is left to measure grade & trench depth F.S.
3/29/82 OK to cover all work to septic tank
Must see house connection, call when ready. JF
6/25/82 OK to cover all work. JF & EW

DATE SYSTEM APPROVED 6/25/82 INSPECTOR Stamer

APPLICATION

A 27152

P _____

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

S. Tank 3 B.R. (100 gal.)
4 B.R. (1250 gal.)

DISTRICT 5th

DATE 11/12/77

4/15/77
9:30 a.m.
3/3/78
1:30 p.m.
3/7/78
11:30 p.m.

Drywell & trench (if needed) system to
have 170 sq. ft. effective sidewall absorption area for bedroom below
the inlet pipe. Inlet to Drywell at 4 1/2 ft. below original grade.
Place the drywell 65 ft. from the rear lot line and 10 ft from
the right side line as seen when facing the property from Chris Mar
Court. Maximum depth permitted for drywell or trench is 10 1/2 ft. below
original grade. Place the trench on level ground and call for inspection
of trench before placing gravel in trench.

TO THE COUNTY HEALTH OFFICER

ELLICOTT CITY, MARYLAND

SYSTEM FIRST PRIOR TO BUILDING PERMIT

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Mr. Paul Kottis

Roy & Judy Carper

ADDRESS

5709 Varnum St.
Bladensburg, Md

PHONE

779-8696

PROPERTY LOCATION:

SUBDIVISION Chris Mar Estates

sect. 1

LOT NO.

4

ROAD AND DESCRIPTION

13442 Chris Mar Court

SIZE OF LOT 79,323 sq. ft.

TYPE BLDG. 3 of 4

1250

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 /s/ Paul Kottis

APPROVED BY

Frank Skinner

FOR

Drywell & trench

DATE

12/22/81

REJECTED BY _____

FOR _____

(KIND OF SYSTEM)

DATE _____

HOLD PENDING FURTHER TESTS

Frank Skinner

DATE

11/17/77

REASONS FOR REJECTION OR HOLDING

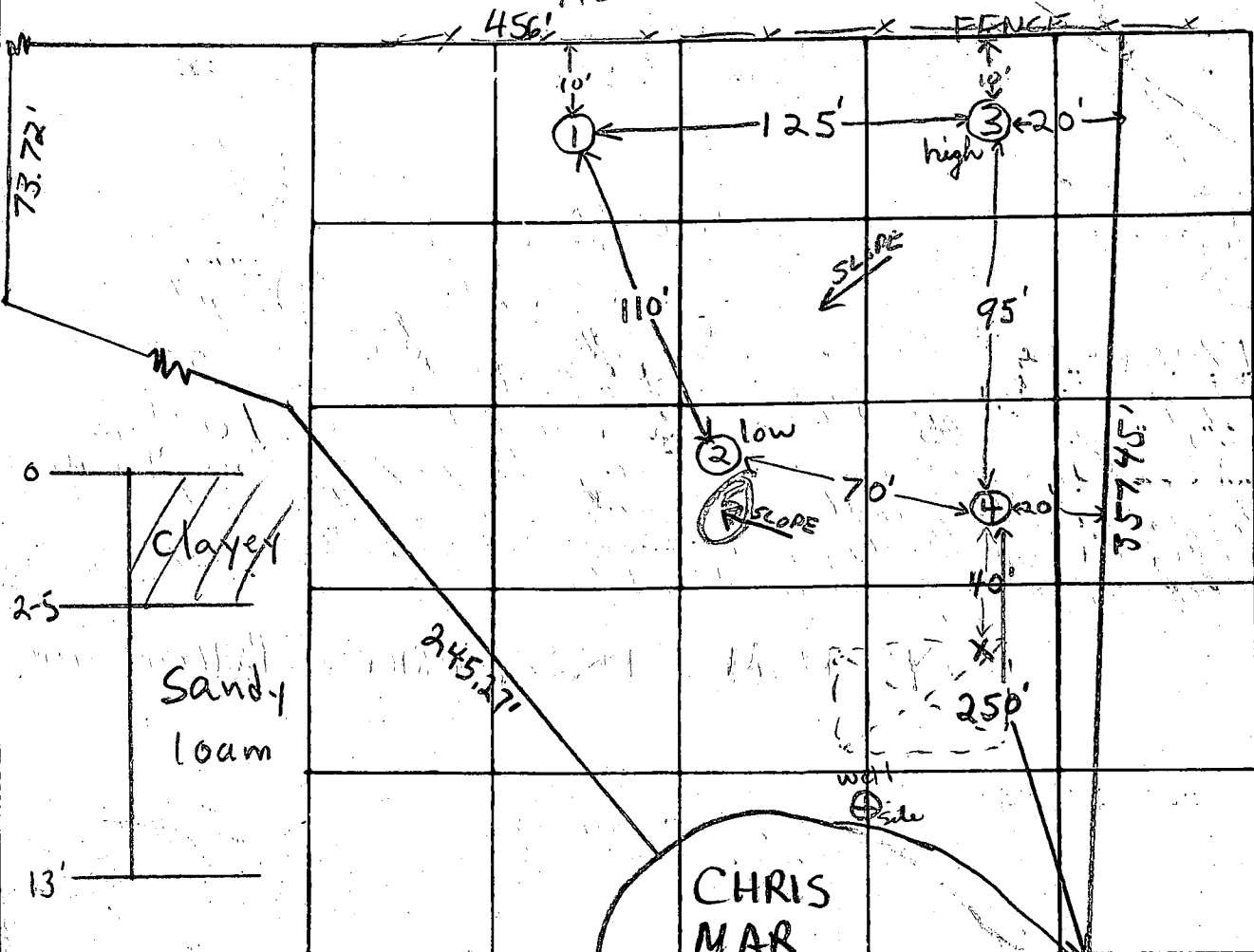
Hold for wet season test also System First

if any installed. F.S. 11/17/77 2/23/78 Described c. Frommitt wet season test still needed F.S.
Note: Well site must be 100 ft. away from any present or proposed septic

System or 10,000 ft recovery area.
Wet season test 3/7/78 O.K. F.S. NOTE: See A24193 for adjacent lot 3 info

THIS IS NOT A PERMIT

ALLNUTT PROPERTY



grade level
X = 6 1/2' below
hole ③

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/15/77	①	4'	10:12	pulled peg	10:45 E	~1/2" drop	FAILS
	1A	13'	10:10	10:25	10:25	10:45	20 min
	2 low	3'	10:19	10:21	10:21	10:25	4 min
	2A	13'	10:19	10:25	10:25	10:33	8 min
	3 high	5'	10:41	10:50	10:50	11:09	19 min
	3A	13'	10:42	10:44	10:44	10:48	4 min
	4	4'	10:53	11:01	11:01	11:18	17 min
	4A	13'	10:56	10:58	10:58	11:02	4 min
	1B	5'	11:04	11:11	11:11	11:20	9 min
11/15/77	5	13'	dry	dry			

REMARKS 7' drop from ③ → ②; 3' drop from ③ → ①. Hold For Wet Season test

TYPE OF SOIL sandy loam below top 2.5' clay soil

TESTED BY F.S. ALSO PRESENT: P. Kattister

APPLICATION

A 24194

SEWAGE DISPOSAL TESTING

P _____

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

DISTRICT 5th

DATE 10/5/76

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 Paul G. Kottis

ADDRESS P.O. Box 28, Highland, Md. 20777 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Brighton Dam Limited Partnership LOT NO. 4

ROAD AND DESCRIPTION Court A off Highland Road

SIZE OF LOT 1 acre m/l TYPE BLDG. 3 0# 4 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 /s/ Paul G. Kottis

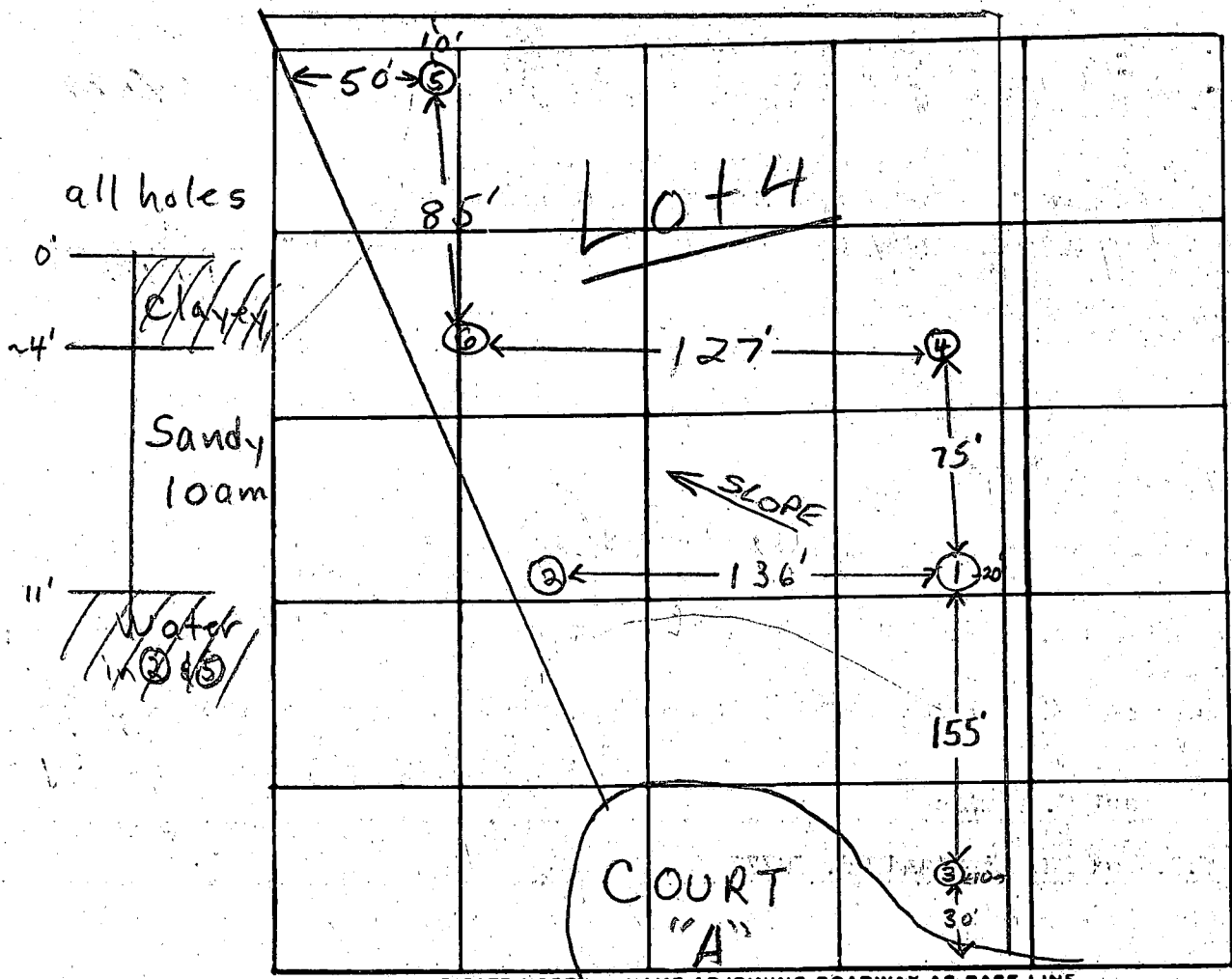
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Underground water at 11ft. in lower part holes

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST START	DROP STOP	TIME
			START	STOP			
9/29/70	1	3 1/2'	10:45	10:47	10:47	10:51	4 min
	1A	13'	10:42	10:45	10:45	10:49	4 min
	2	3'	11:13	Rubbled peg 1153 3/4' deep			FAILS
	2A	13'	Water at 11'				
	3	13 1/2'	Clayey to 5 1/2'; sandy loam below				
	4	12'	Clayey to 3 1/2'; sandy loam below				
	5	11'	Clayey to 5'; sandy loam below. Water at 11'				
	6	10 1/2'	Clayey to 3 1/2'; sandy loam below				

REMARKS ② ~ 5' lower than ① FAIL or HOLD FOR WET SEASON TESTING

TYPE OF SOIL sandy loam below top 3' clayey soil

TESTED BY F.S. ALSO PRESENT: P. Kottis & crew

B 1	2078	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL	WRA PERMIT NUMBER HW-13-2782 FILL IN THIS FORM COMPLETELY
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DATE RECEIVED (WRA USE ONLY)	5/3/78 9:30am		
OWNER	PARKER C. Robert		
STREET OR RFD	207 HARVES St.		
POST OFFICE	SILVER SPRINGS Md. 20901		

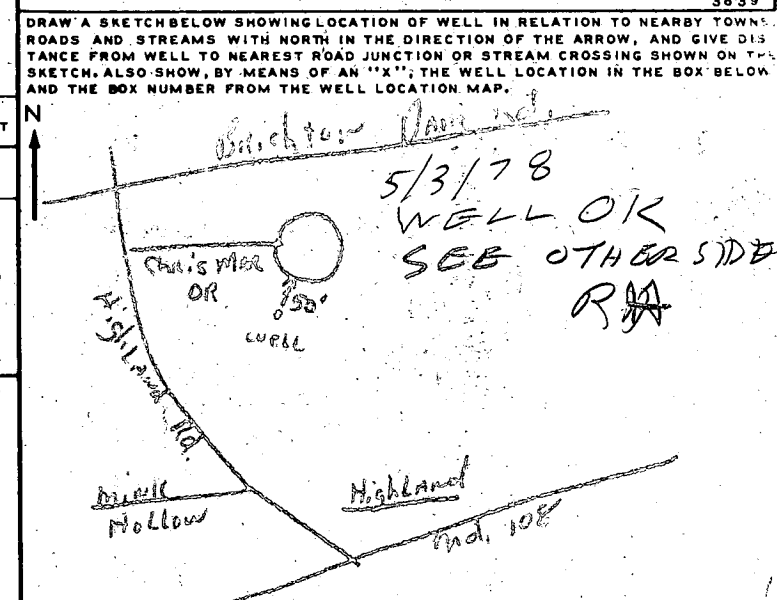
B 1	CONTINUED	DRILLER INFORMATION
DATE	April 10, 1978	LICENSE NUMBER
FIRST NAME	RALPH	LAST NAME
SIGNATURE	[Signature]	

B 3	LOCATION OF WELL
COUNTY	HOWARD
SUBDIVISION	Phase MAR EST
SECTION	West
NEAREST TOWN	Highland

B 2	WELL INFORMATION
MAXIMUM PUMPING RATE (GALLONS PER MINUTE)	5
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY)	500
USE FOR WATER (CIRCLE APPROPRIATE BOX)	
<input checked="" type="radio"/> D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)	
<input type="radio"/> F FARMING, AGRICULTURE, IRRIGATION	
<input type="radio"/> I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.	
<input type="radio"/> M MUNICIPAL WATER SUPPLY	} MUST HAVE STATE HEALTH DEPT. APPROVAL
<input type="radio"/> P PRIVATE WATER COMPANY	
<input type="radio"/> T TEST	

B 4	DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
NEAR ROAD	Highland Rd.
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)	N
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX)	50

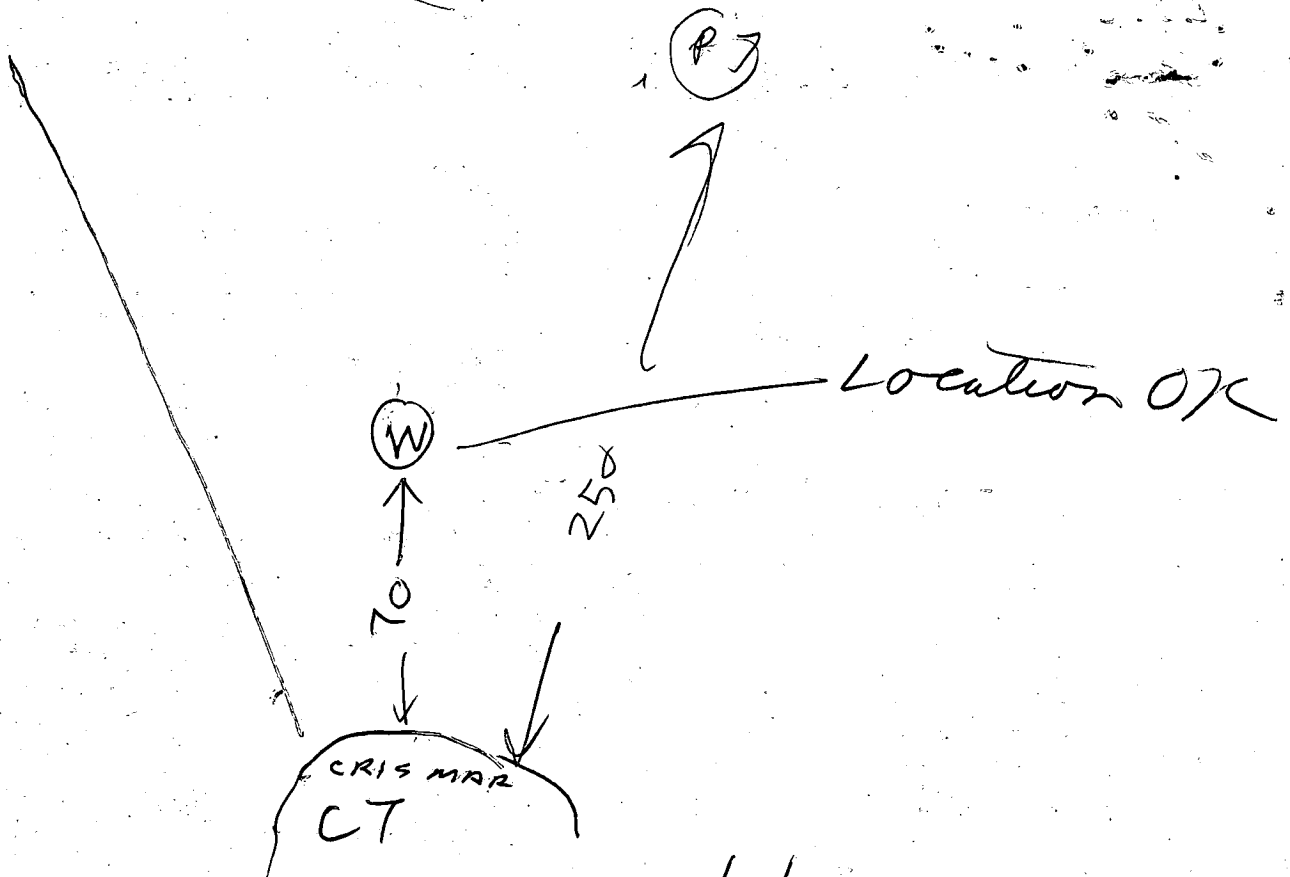
APPROXIMATE DEPTH OF WELL	150
APPROXIMATE DIAMETER OF WELL	2
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)	
<input checked="" type="radio"/> BORED (OR AUGERED)	<input type="radio"/> JETTED
<input checked="" type="radio"/> AIR-ROTARY	<input type="radio"/> AIR-PERCUSSION
<input type="radio"/> CABLE	<input type="radio"/> ROTARY (HYDRAULIC ROTARY)
<input type="radio"/> OTHER (DESCRIBE)	<input type="radio"/> REVERSE-ROTARY
<input type="radio"/> DRIVE-POINT	
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)	
<input checked="" type="radio"/> N THIS WELL WILL NOT REPLACE AN EXISTING WELL	
<input type="radio"/> Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED	
<input type="radio"/> S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY	
<input type="radio"/> D THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)	



NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)	
APPROPRIATION PERMIT NUMBER	ENGINEER REVIEW DISTRICT NO.
FORCE	CONDITIONS
HEALTH DEPARTMENT APPROVAL	
STATE HEALTH (CIRCLE BOX)	WARD
DATE	04/27/78
APPROVED BY	Donal Monaghan, Sanitaria

BOX NUMBER	800
NORTH COORDINATE	57
EAST COORDINATE	450
ELEVATION AT WELL HEAD (FEET)	0/0

B 5	SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
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5/3/78

- ① 46 FT CASING WITH 3 FT GRIT OF GROUND
- ② STRING DROPPED 29 FT DOWN OPEN HOLE
- ③ PIPE JETTED DOWN OPEN HOLE 36 FT
- ④ 14 BAGS
- ⑤ WELL OK

R HODGES

RECEIVED
 HOWARD COUNTY
 HEALTH DEPT.
 APR 25 9 03 AM '78
 DIVISION OF
 ENVIRONMENTAL
 HEALTH

C 1 9877 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 OF 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 6107-281

DATE RECEIVED (WRA USE ONLY)

8-13

DEPTH OF WELL 145

DATE WELL COMPLETED MAY 3 1978

22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"

40-73-2722

28 29 30 31 32 33 34 35 36 37

DRILLERS' IDENTIFICATION NO. 273

OWNER Parker Robert

LAST NAME FIRST NAME

STREET OR RFD 207 HAWKES ST POST OFFICE SILVER SPRING 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	
Top Soil	0	2	
Sandy	2	35	✓
Sandy Stone	35	50	
Micka	50	60	
Sand Stone	60	65	✓
Micka	65	145	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT BENTONITE CLAY

NO. OF BAGS 14 NO. OF POUNDS 1400

GALLONS OF WATER 84

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 36 FT. (ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES

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) 145

OTHER CASING (IF USED)

DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM 43 TO 145

1 2 3 (SEQ. NO.) 6

8 9 11 15 17 21

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)

(E.R.O.S.)

70 72 74 75 76 OTHER DATA AVAILABLE

TELESCOPE CASING LOG INDICATOR

C 3

1 2 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 10

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 30 (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)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) _____

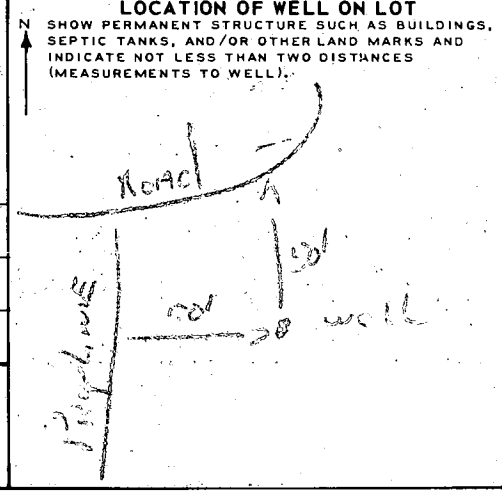
PUMP HORSE POWER _____

PUMP COLUMN LENGTH (NEAREST FOOT) _____

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE BELOW

LAND SURFACE _____ (NEAREST FOOT)



CIRCLE APPROPRIATE BOXES

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

ELECTRIC LOG OBTAINED

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 Wayne

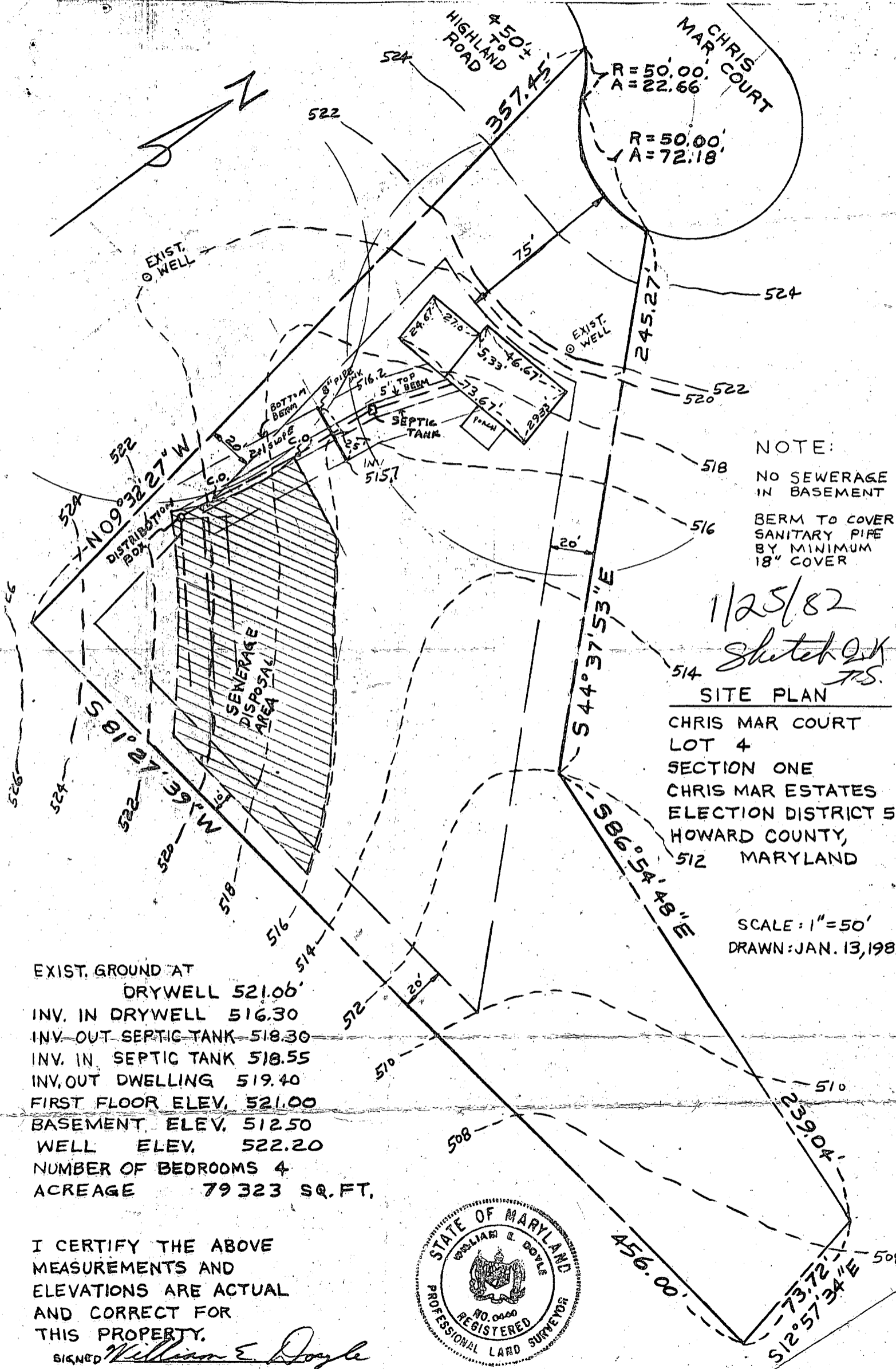
(PLEASE PRINT) Ralph Wayne

SIGNATURE Ralph Wayne

William E. Doyle

LAND SURVEYOR 8440

5312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210



NOTE:
NO SEWERAGE
IN BASEMENT
BERM TO COVER
SANITARY PIPE
BY MINIMUM
18" COVER

1/25/82
Sketch OK
T.S.

SITE PLAN
CHRIS MAR COURT
LOT 4
SECTION ONE
CHRIS MAR ESTATES
ELECTION DISTRICT 5
HOWARD COUNTY,
512 MARYLAND

SCALE: 1" = 50'
DRAWN: JAN. 13, 1981

EXIST. GROUND AT
DRYWELL 521.00'
INV. IN DRYWELL 516.30
INV. OUT SEPTIC TANK 518.30
INV. IN SEPTIC TANK 518.55
INV. OUT DWELLING 519.40
FIRST FLOOR ELEV. 521.00
BASEMENT ELEV. 512.50
WELL ELEV. 522.20
NUMBER OF BEDROOMS 4
ACREAGE 79323 SQ. FT.

I CERTIFY THE ABOVE
MEASUREMENTS AND
ELEVATIONS ARE ACTUAL
AND CORRECT FOR
THIS PROPERTY.
SIGNED *William E. Doyle*

