

Approved 2/26/80  
J. Stayer

2/26/80

# PERMIT

P 30537

A 29341

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

04-340159

ELLICOTT CITY

INDEXED

DISTRICT 4th

DATE 2/25/80

Herman Sirk IS PERMITTED TO INSTALL X ALTER

ADDRESS 2555 Jennings Chapel Road, Woodbine, Md. 21797 PHONE 489-4724

SUBDIVISION Jaycox property ROAD 2320 Duvall Road LOT 19

PROPERTY OWNER Don Steinnett

ADDRESS 14310 Gaines Avenue, Rockville, Md. 20853

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

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

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

SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 130 SQ. FT. per bedroom below inlet.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 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

Dry well to be located 20 ft. from Lot 4 and 100 ft. from left property line facing

property from Duvall Road. Trench to be 15 ft. long, <sup>9</sup> ft. deep maximum with 6 ft.

gravel. Leave 5 ft. earth buffer between trench and dry well. Trench to follow

contour of the land. CALL FOR INSPECTION OF TRENCH BEFORE GRAVEL IS INSTALLED.

PLANS APPROVED BY James Stayer DATE 1/2/79

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.**

BLDG. PERMIT SIGNED

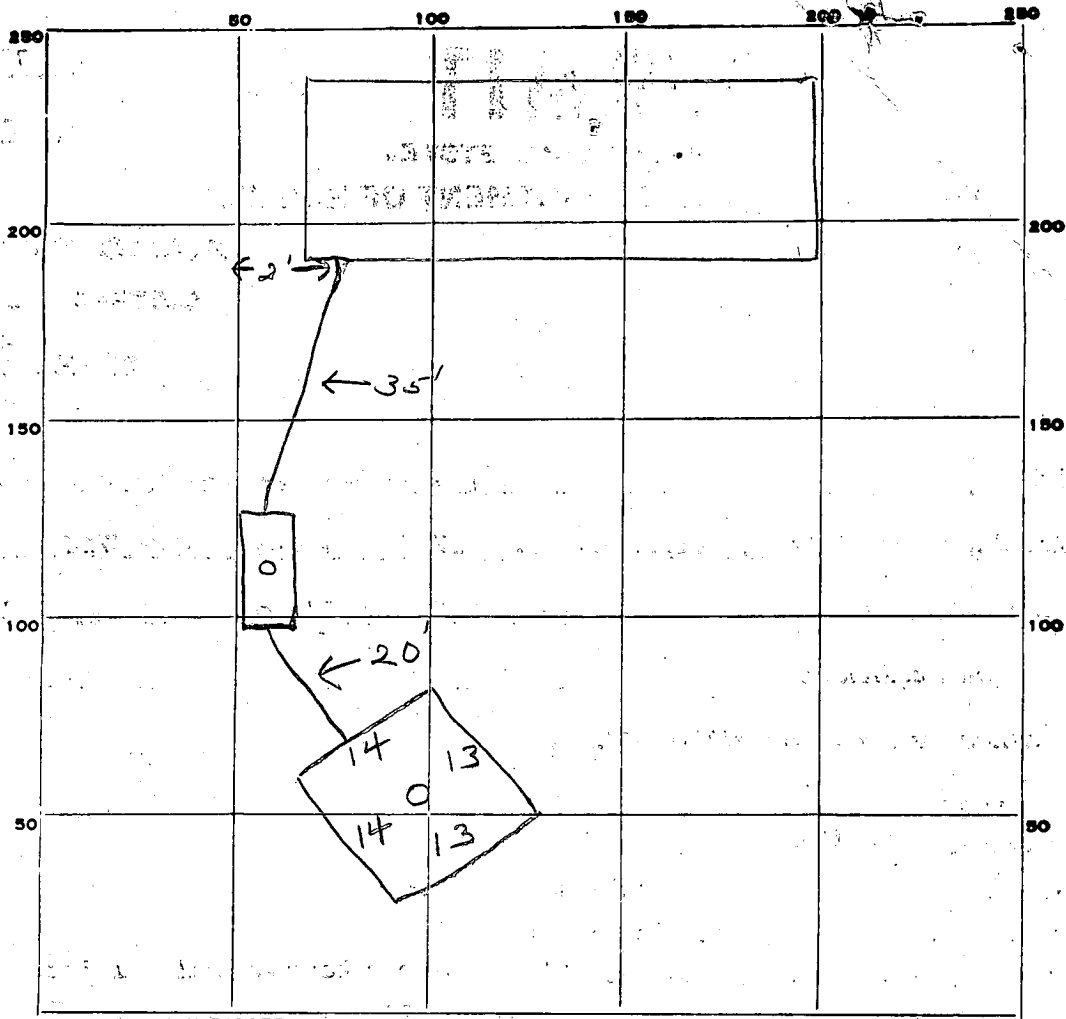
AND RETURNED 6/17/91

Serial # 38454-garage

A 29341

390

54  
8  
432



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Duwall Rd

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL \_\_\_\_\_ CLEANOUTS ST/DW

DISTRIBUTION BOX, LEVEL \_\_\_\_\_ terra cotta

TILE FIELD, DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT.

GRAVEL DEPTH \_\_\_\_\_ IN. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ TOTAL BOTTOM AREA \_\_\_\_\_

SEEPAGE PITS, INSIDE DIAMETER 5.4 FT. DEPTH BELOW INLET 8 FT.

ABSORBENT AREA 432 SQ. FT.

REMARKS 2/26/80 - OK to cover all work. JP

DATE SYSTEM APPROVED 2/26/80 INSPECTOR J. Stanger

need elevations - serial # 41287

# APPLICATION

*Prep*  
*12/28/78*  
*1:30 P.M.*

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 29341  
P \_\_\_\_\_

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

DISTRICT 4th  
DATE 12/18/78

*specs - next page*

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 Jaycox property - owner William Swann  
ADDRESS Don Steinnett PHONE William Swann 286-2608  
PROPERTY LOCATION 14310 Gaines Avenue  
SUBDIVISION Jaycox Property LOT NO. 9A-19  
ROAD AND DESCRIPTION 2320 Duvall Road

SIZE OF LOT 5.6 acres m/l TYPE BLDG. 3 or 4 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.

SIGNATURE OF APPLICANT /s/ William L. Swann BLDG. PERMIT SIGNED AND RETURNED 9/21/79 Serial No. 41287

APPROVED BY J. Stayer FOR septic & trench DATE 1/2/79

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

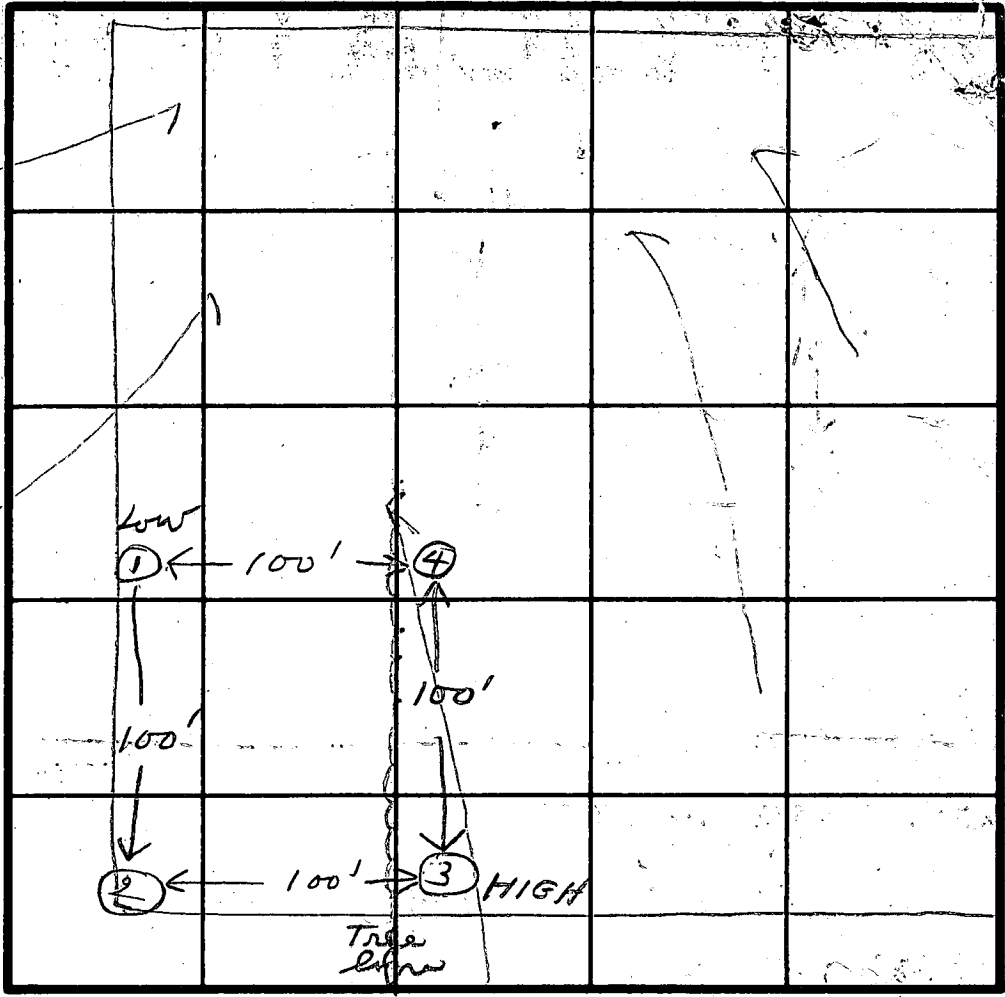
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 3/12/79 Hold for certified hole location F. Shinn

# THIS IS NOT A PERMIT

① ② ③ ④  
SOIL PROFILE

0-13 FT  
CLAY,  
SANDY LOAM  
SOME SHALE  
AT 12 FT.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
DUVALL RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/28/78	1S	4	2:30	2:33	2:33	2:36	4
	1D	13	2:30	2:32	2:32	2:35	3
	2S	3	2:44	2:50	2:50	3:00	10
	2D	13	2:44	2:53	2:53	3:05	12
	3S	2 1/2	3:06	3:15	3:15	3:26	11
	3D	13	3:06	3:26	3:26	FAILED	2 MD INCH
	4	12	VISUAL				
	3M	12	3:47	3:51	3:51	4:00	9

REMARKS Property not staked off.

TYPE OF SOIL \_\_\_\_\_

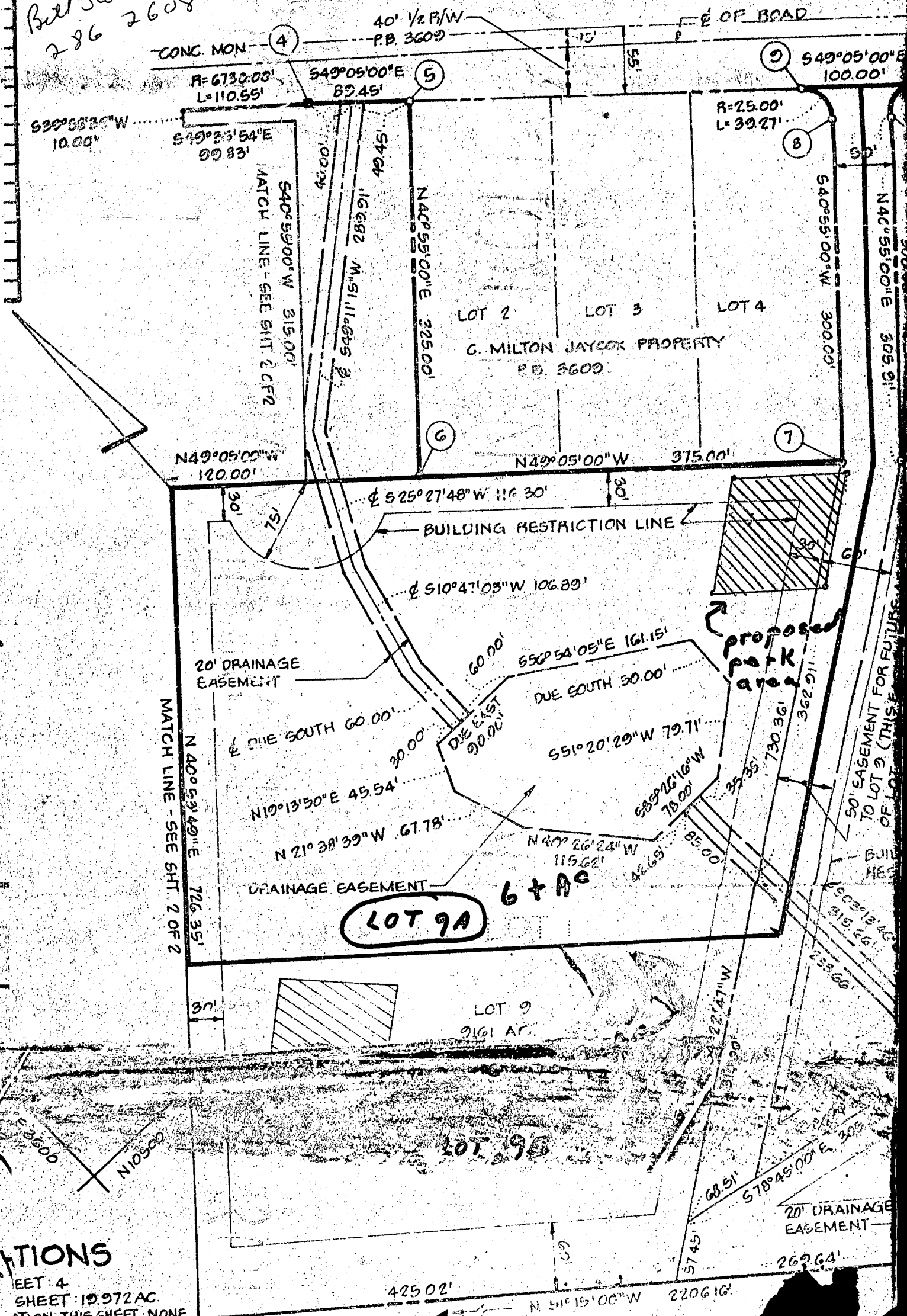
TESTED BY Jed ALSO PRESENT KETTERMAN

1 mi SE of Mullens Rd + Duval Rd

1:30. Wed 20th

Bill Swan  
286 2608

# DUVALI ROAD



CONC. MON (4) 40' 1/2 R/W P.B. 3609

R=6730.00' L=110.55' 549°05'00"E 82.45' (5)

539°58'30"W 10.00' 549°23'54"E 99.83'

549°05'00"E 100.00' (9)

R=25.00' L=39.27' (8)

LOT 2 LOT 3 LOT 4

G. MILTON JAYCOX PROPERTY P.B. 3609

N49°05'00"E 325.00' (6)

N49°05'00"W 375.00' (7)

BUILDING RESTRICTION LINE

20' DRAINAGE EASEMENT

525°27'48"W 116.30'

510°47'03"W 106.89'

550°54'05"E 161.15'

DUE SOUTH 30.00'

551°20'29"W 79.71'

589°26'16"W 70.00'

35°35' 730.36'

362.9'

116.25'

50' EASEMENT FOR FUTURE TO LOT 9 (THIS IS ONE OF LOT 9)

BUIL. RES.

503°12'43" 318.66'

255.66'

50° EASEMENT FOR FUTURE TO LOT 9 (THIS IS ONE OF LOT 9)

BUIL. RES.

503°12'43" 318.66'

255.66'

50° EASEMENT FOR FUTURE TO LOT 9 (THIS IS ONE OF LOT 9)

BUIL. RES.

503°12'43" 318.66'

255.66'

**LOT 9A** 6+ AC

LOT 9 9161 AC

LOT 9B

RESOLUTIONS

SHEET 4

SHEET 10972 AC

ATTENTION THIS SHEET NONE

425.02'

N 51°15'00"W 2206.16'

**B 1** 1265 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6  
(THIS NUMBER IS TO BE RUNCHED 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**  
 40-93-3417  
**FILL IN THIS FORM COMPLETELY**

DATE RECEIVED (WRA USE ONLY)  
 9/4/79  
 1:30 P.M.

**OWNER** Steinnett, Don  
 COL 15 LAST NAME COL 34 FIRST NAME

**STREET OR RFD** 14310 Gaines Avenue  
 COL 36 COL 55

**POST OFFICE** Rockville, Maryland 20853  
 COL 57 COL 76

**B 1** CONTINUED **DRILLER INFORMATION**

1 2 3 (SEQ. NO.) 6

DATE August 9, 1979 LICENSE NUMBER 30  
 77 80

FIRST NAME DRILLER LAST NAME  
 Don Kyker

SIGNATURE *[Signature]*

**B 3** **LOCATION OF WELL**

1 2 3 (SEQ. NO.) 6

COUNTY Howard  
 (DO NOT ABBREVIATE COUNTY NAME) 21

SUBDIVISION 23  
 23 42

SECTION 44 46 LOT 19 48 50

NEAREST TOWN Clisbon 52 71

MILES FROM TOWN (ENTER 0 IF IN TOWN) 3 79 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) 550  
 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 } MUST HAVE STATE HEALTH DEPT. APPROVAL

PRIVATE WATER COMPANY

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 2320 Duvall Road  
 11 NORTH SOUTH EAST WEST 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  N  S  E  W  
 32 32 32 32

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 34 37 38 39

APPROXIMATE DEPTH OF WELL 200 FEET  
 24 28

APPROXIMATE DIAMETER OF WELL 6" (NEAREST INCH)

**METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)**

BORED (OR AUGERED)  JETTED  DRIVEN

30-37  AIR-ROTARY  AIR-PERCUSSION  ROTARY (HYDRAULIC ROTARY)

CABLE  REVERSE-ROTARY  DRIVE-POINT

OTHER (DESCRIBE)

**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 (WRA USE ONLY)**

APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 65

FORCE WRITE INITIALS IN BOX CONDITIONS A E N S G W Q C L U  
 67 68 70 71 72 73 74 75 76 77 78 79

**B 4** CONTINUED **HEALTH DEPARTMENT APPROVAL**

1 2 3 (SEQ. NO.) 6

41  STATE HEALTH (CIRCLE BOX) Howard COUNTY NAME 220347 COUNTY NO.

MO. DAY YR. APPROVED BY

DATE 9/27/79 43 48

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.

*9/4/78*  
*98 ft casing*  
*2 ft over gravel*  
*74 ft gravel hole*  
*jetted to 79 ft*  
*44 bags cement*  
*O.K. Kelly*

**BOX NUMBER** E 770  
 N 330

**NORTH COORDINATE** 50 51 52 53 54 55

**EAST COORDINATE** 57 58 59 60 61 62 63

**ELEVATION AT WELL HEAD (FEET)** 65 66 67 68

**B 5** SPECIAL CONDITIONS 8-85 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

PLOT PLAN

4 COPIES

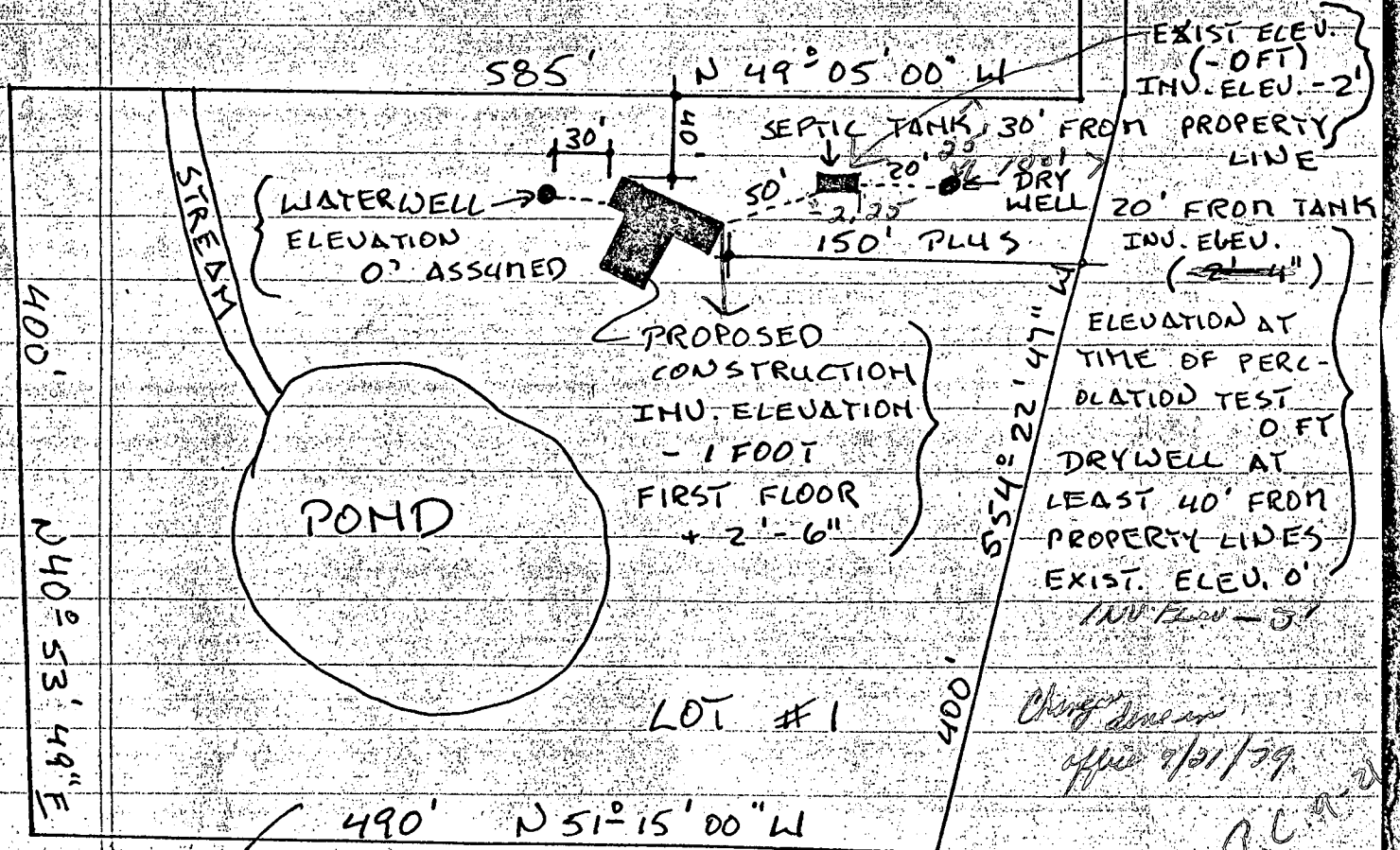
2320 DUVALL ROAD

I CERTIFY THAT THE MEASUREMENTS ARE CORRECT & ACTUAL FOR THIS PROPERTY

Paul [Signature] 9-7-79

100' 540°55'00" W 300'

25' ACCESS ROAD



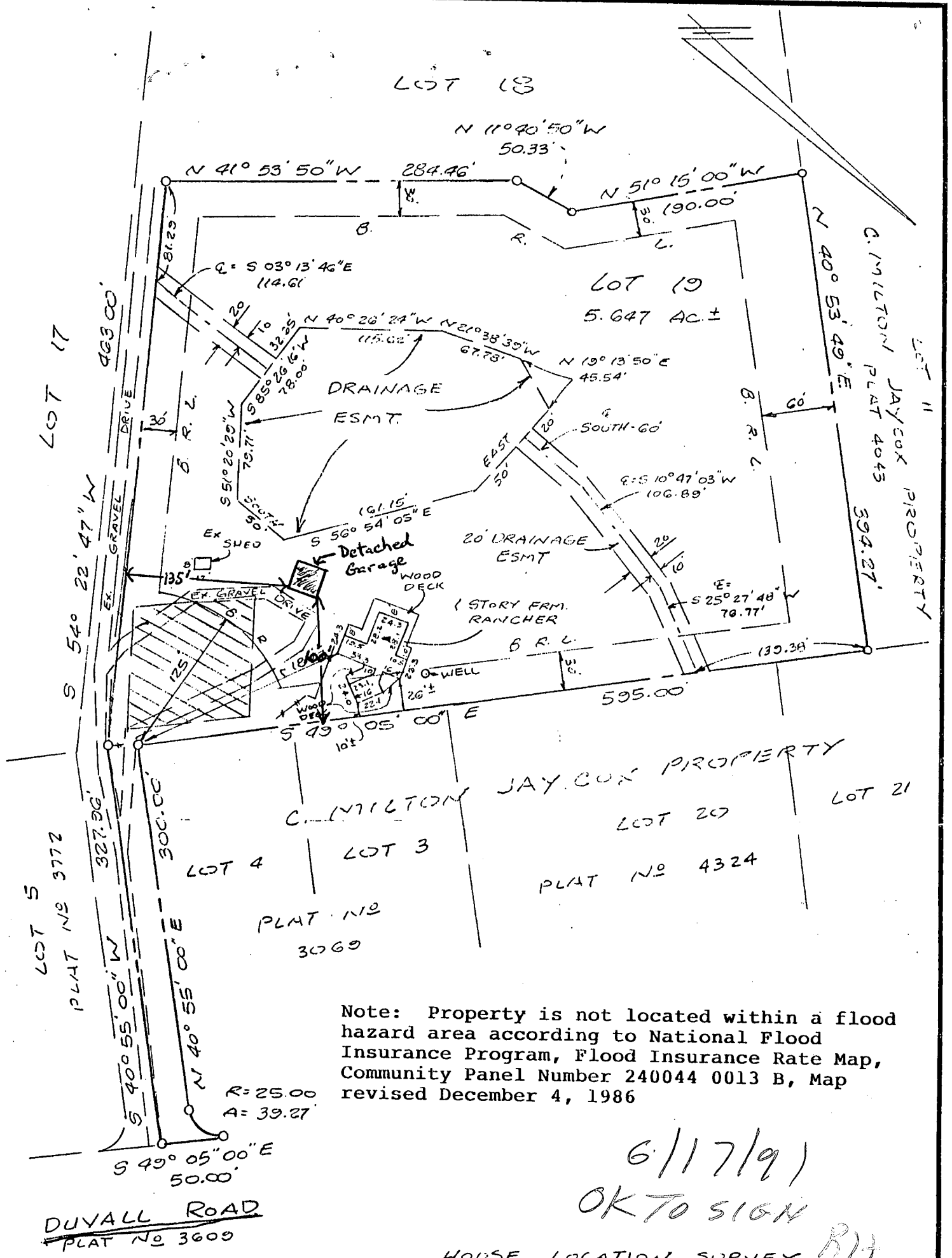
JAY COX PROPERTY

5.6 ACRES

3 BEDROOM HOME

1,000 GALLON SEPTIC TANK

Change done on office 9/21/79 R.C. [Signature]



Note: Property is not located within a flood hazard area according to National Flood Insurance Program, Flood Insurance Rate Map, Community Panel Number 240044 0013 B, Map revised December 4, 1986

R=25.00  
A=39.27

6/17/91  
OK TO SIGN

HOUSE LOCATION SURVEY R/J

LOT 19

C. MILTON JAYCOX PROPERTY

# 2320 DUVALL ROAD  
FOURTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE 1"=100' DECEMBER, 1989



12/1/89

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.



VANMAR ASSOCIATES INC.  
Engineers • Surveyors • Planners  
310 South Main Street, Mount Airy, Maryland 21771  
(301) 829-2890 (301) 831-5015

REFERENCE	JOB NO.
PLAT NO 4324	89-2449

C 1 **6904** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 4 5  
 (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 ANNAPOLIS

DATE RECEIVED (WRA USE ONLY) September 4, 1979 DEPTH OF WELL 278 PERMIT NO. FROM "PERMIT TO DRILL WELL" HAO-73-3417

DATE WELL COMPLETED 090479 (TO NEAREST FOOT) 22 26 28 29 30 31 32 33 34 35 36 37

8-13 15 20 DRILLERS IDENTIFICATION NO. 296

OWNER Stinnett, Donald LAST NAME FIRST NAME

STREET OR RFD 14310 Gaines Avenue POST OFFICE Rockville, MD 20852

**WELL DESCRIPTION**

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	
Dirt	0	5	
Soft Brn. Shale	5	36	X
Red Clay	36	63	
Soft Brown Shale	43	80	X
Hard & Soft Brn. Shale	80	87	
Hard Brn. Shale	87	90	
Hard Blk. Sandstone	90	103	
Brn. & Blk Sandstone	103	105	X
Blk. Sandstone	105	140	
Blk. Sandstone & Openings	140	205	X
Black Granite	205	278	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)  CEMENT  BENTONITE CLAY

NO. OF BAGS 44 NO. OF POUNDS 4,225

GALLONS OF WATER 264

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 9.6 FT. (ENTER 0 IF FROM SURFACE)

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE  PLASTIC  OTHER

MAIN CASING TYPE  S  T

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 98

**OTHER CASING (IF USED)**

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO
1				
2				
3				

**SCREEN RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  PLASTIC  OPEN HOLE  OTHER

SCREEN TYPE OR OPEN HOLE

**DEPTH (NEAREST WHOLE FOOT)**

FROM TO

1	8	9	11	15	17	21
2	23	24	26	30	32	36
3	38	39	41	45	47	51

SLOT SIZE 1.    2.    3.   

DIAMETER OF SCREEN 5.6 (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

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2 1/2

METHOD USED TO MEASURE PUMPING RATE Flowmeter

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 17 (NEAREST FOOT) 17 20

WHEN PUMPING 205 (NEAREST FOOT) 22 25

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) 10

PUMP HORSE POWER 37

PUMP COLUMN LENGTH (NEAREST FOOT) 43

**CASING HEIGHT** (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE  BELOW

LAND SURFACE (NEAREST FOOT) 50

**LOCATION OF WELL ON LOT**

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

*Handwritten notes and signatures are present in this section.*

**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 Donald Lee Wyler

SIGNATURE Donald Lee Wyler