

3/25/99
9:30 & later

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

not fund

P 511473

A REPAIR

DISTRICT _____

DATE 3/24/99

DATE SYSTEM APPROVED 3/25/99

INSPECTOR M. Rifkin

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 410-313-2640

INDEXED

K & K Excavating IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 410-442-1336

SUBDIVISION _____ LOT _____ ROAD 16211 Frederick Road

PROPERTY OWNER Sworn Steven G. Cucura

ADDRESS _____

SEPTIC TANK CAPACITY _____ GALLONS

NUMBER OF BEDROOMS 3

125 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 95

REPAIR - PURPOSE - SEPTIC SYSTEM FAILING.

Call for inspection when ground is opened so sanitarian can recommend repair.

03/24/1999

INLET 3', BOT 7', 4" STONE; 3-35° TRENCHES, 105' TOTAL TRENCH

PLANS APPROVED BY _____ DATE _____

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

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

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

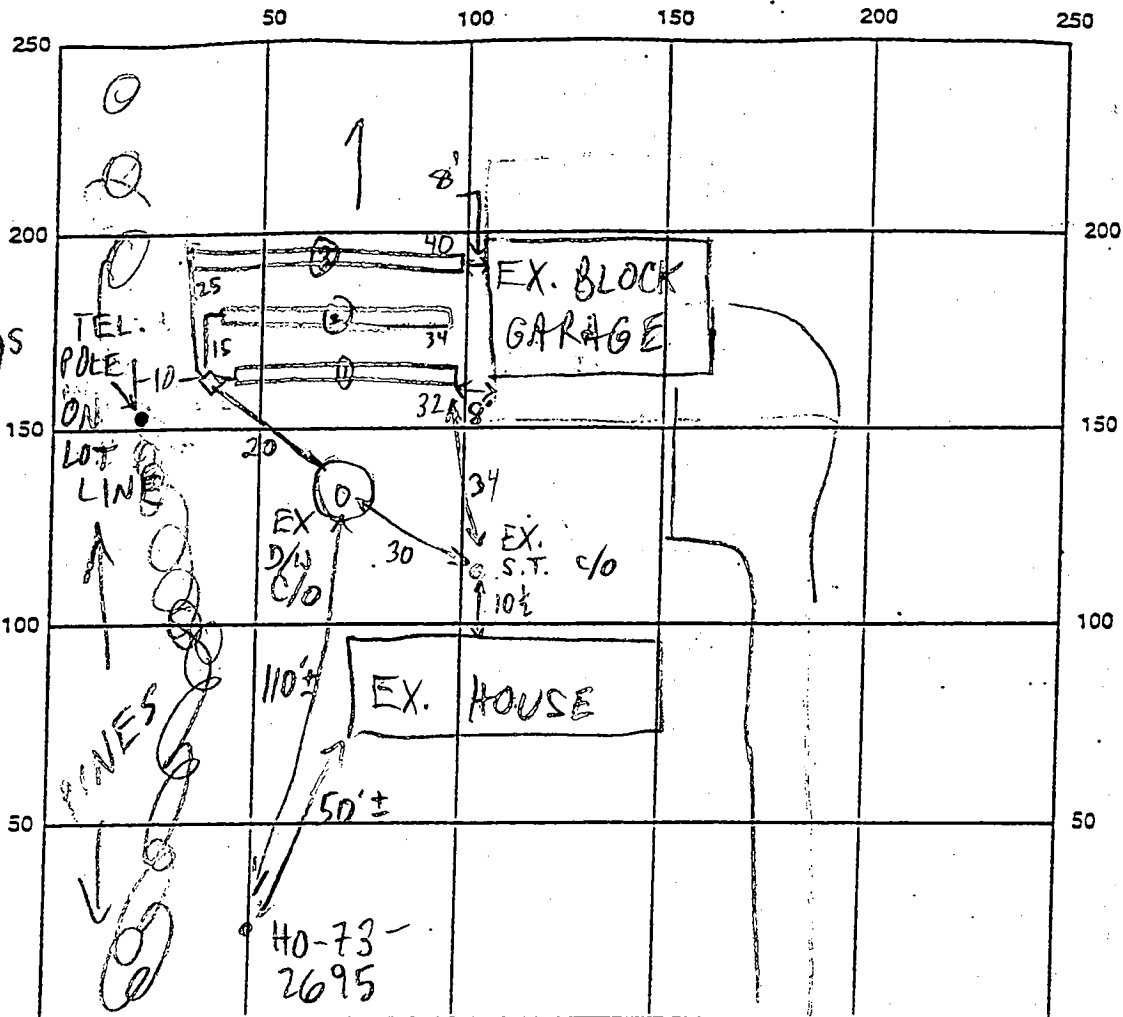
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 8 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

511473



①
 brn
 sacl 1m
 4
 5/2
 brn
 si 1m
 4
 90% frags
 brn
 sa mica
 7
 1m
 10-15% frags
 13

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL EX 1500? CLEANOUTS EX-OK
 DISTRIBUTION BOX LEVEL OK-BAFFLE IN
 DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.
 EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH ①32 ②34 ③40 FT.
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA ①28 ②136 ③160 SQ. FT.
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA 424 SQ. FT.

REMARKS: 3/25/99 #1 OK TO START (MR)
3/25/99 #2 OK TO COVER (MR)
(LINE FROM S.T. TO D/W TO BE REPLACED ALSO)

DATE SYSTEM APPROVED 3/25/99 INSPECTOR M. Ripkin

~~6/22/78~~
permit on side
of house

6/23/78
afternoon please

File

PERMIT

P 28218

A 24120

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

INDEXED

DATE 6/16/78

Olen Ketterman IS PERMITTED TO INSTALL ALTER

ADDRESS 6119 Jerry's Drive, Columbia, Md. 21044 PHONE 997-8740

SUBDIVISION 162¹¹ ROAD Route 144 LOT _____

PROPERTY OWNER William L. Swann

ADDRESS 12979 Clarksville Pike, Highland, Md. Phone: 286-2608

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 ABSORBENT SIDE-WALL AREA 125 SQ. FT. sidewall absorption area per bedroom

INLET PIPE 2 1/2-3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 140 FT. FROM front LOT LINE AND 30 FT. FROM left LOT LINE AS SEEN WHEN FACING LOT FROM Md. Rte. 144.

PLANS APPROVED BY Frank Skinner DATE 4/22/77

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.

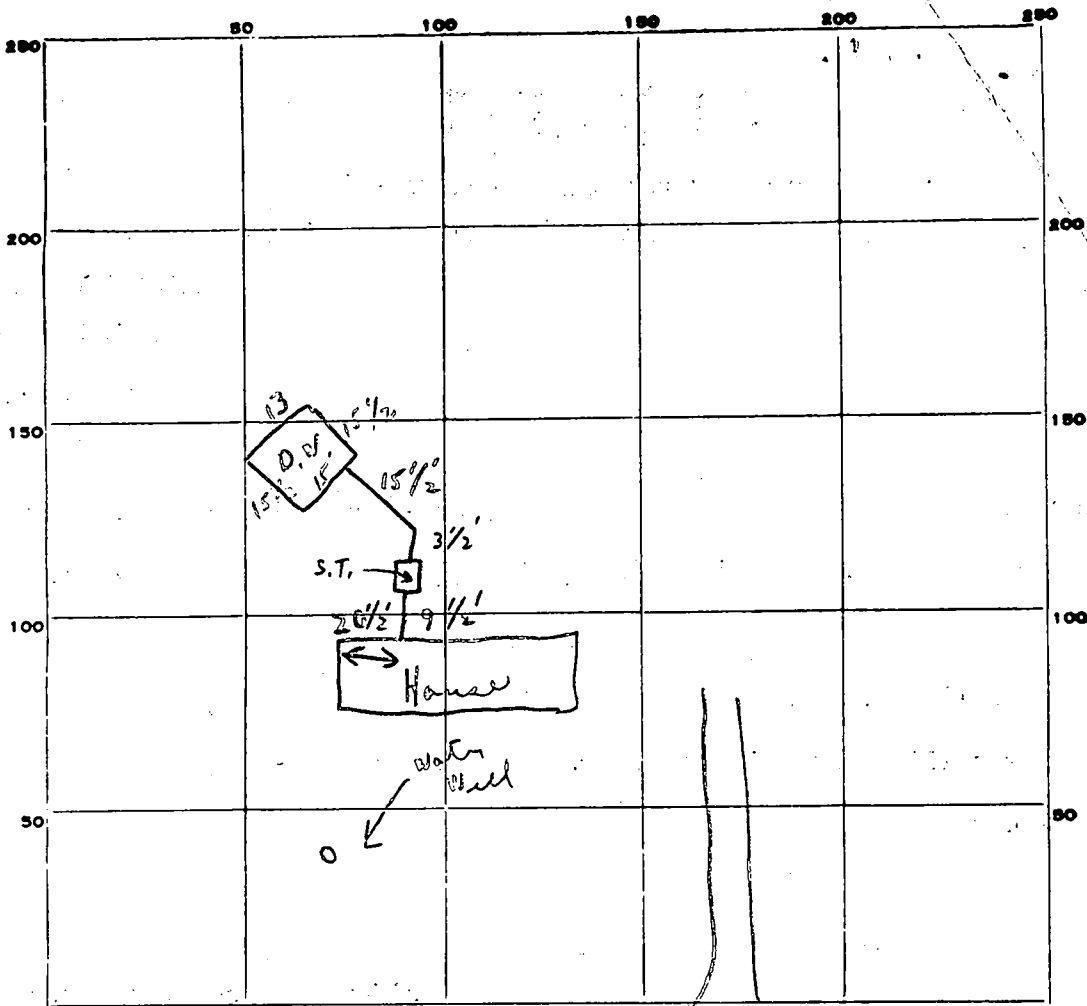
PERMIT VOID AFTER THREE YEARS.

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

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

A 24120

A24120



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD Yes on side of house S.T. / P.W.

SEPTIC TANK, LEVEL ok CLEANOUTS ok / ok

DISTRIBUTION BOX, LEVEL N/A

Trench
TILE FIELD, DEPTH — FT. TRENCH WIDTH — FT.

GRAVEL DEPTH — IN. TOTAL LENGTH — FT.

NUMBER OF TRENCHES — TOTAL BOTTOM AREA —

SEEPAGE PITS, outside perimeter INSIDE DIAMETER 59 FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 413 ± SQ. FT. 3'

REMARKS 6/23/78 C. I. all the way to 12" Well.
C.B.V.

DATE SYSTEM APPROVED 6/23/78 as per above INSPECTOR C. B. [Signature]

APPLICATION

A 24120

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

3 B.R. 1000 gal septic tank
4 B.R. 1250 gal septic tank

DISTRICT 4th

DATE 10/4/76

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

10/8/76
9:30 AM
10:30-2:00 PM

Drywell (and trench if 4 B.R. house) to have 125 SQ. FT. effective sidewall absorption area per bedroom to begin below the first 2 1/2 ft. of non-porous soil. Maximum depth permitted for drywell (or trench) is 11 ft. below original grade. Place the drywell 140 ft. from the front property line and 30 ft. from the left side line as seen when facing the property from Md. Rte #144.

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 William A. Flester property

Any questions call Bill Swann:

ADDRESS _____

PHONE 286-2608

PROPERTY LOCATION: _____

SUBDIVISION _____

LOT NO. _____

ROAD AND DESCRIPTION Route 144

SIZE OF LOT 1.3 acres

TYPE BLDG. 3 or 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/ William Swann

APPROVED BY Frank Skinner FOR Drywell (and trench) DATE 4/22/77
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

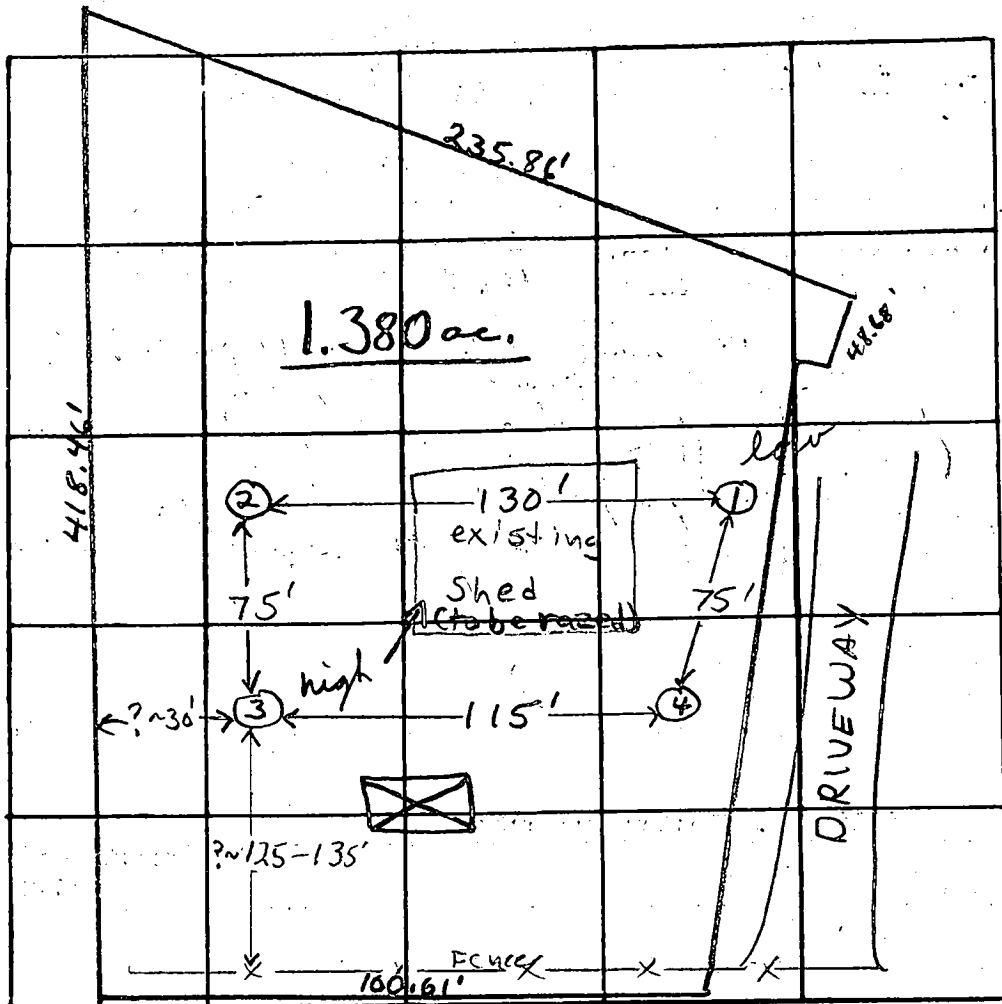
REASONS FOR REJECTION OR HOLDING 10/8/76 Perc. O.K. hold for certified hole locations and signed boundary plat T.S.

**BIDD. PERMIT SIGNED
AND RETURNED 4/17/78
serial # 31736**

THIS IS NOT A PERMIT

A24120

all holes



← EAST

Rte 144

→ WEST →

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/8/76	1 low	5'	2:08	2:13	2:13	2:22	9 min	
	1A	13'	2:08	2:17	2:17	2:32	15 min	
	2	3'	2:28	2:31	2:31	2:38	7 min	
	2A	12 1/2'	2:29	2:31	2:31	2:35	4 min	
	3 high	2 1/2'	2:41	2:42	2:42	2:46	4 min	
	3A	12'	2:42	2:43	2:43	2:47	4 min	
	4	12'	Clay to 4'; silty loam below					

REMARKS

Hold for certified hole locations

TYPE OF SOIL

Silty loam below top 2-4' clayey soil

TESTED BY

F.S.

ALSO PRESENT:

O. Ketterman; B. Swahn

C 1 **3422** 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 *A24120*
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 *42597*

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED *April 11, 1977*

8-13

DEPTH OF WELL *105'*

22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"

40-73-2695

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. *112*

OWNER *William* LAST NAME

STREET OR RFD *12979 Clarksville Pike* POST OFFICE *Fitchland 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	
<i>Top Soil</i>	<i>0</i>	<i>2</i>	
<i>Shaly</i>	<i>2</i>	<i>46</i>	
<i>Sand Stone</i>	<i>46</i>	<i>60</i>	<input checked="" type="checkbox"/>
<i>Mica</i>	<i>60</i>	<i>65</i>	
<i>Sand Stone</i>	<i>65</i>	<i>70</i>	<input checked="" type="checkbox"/>
<i>Mica</i>	<i>70</i>	<i>105</i>	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
 CEMENT C M BENTONITE CLAY B C

NO. OF BAGS *11* NO. OF POUNDS *1100*

GALLONS OF WATER *66*

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM *0* FT. TO *55* FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL S T CONCRETE C O

PLASTIC P L OTHER O T

MAIN CASING TYPE *S* NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) *6* TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) *57*

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL S T BRASS OR BRONZE B R OPEN HOLE H O

PLASTIC P L OTHER O T

DEPTH (NEAREST WHOLE FOOT)

FROM *75* TO *105*

1 2 3 (SEQ. NO.) 6

1 *70* 8 9 11 15 17 21

2 23 24 26 30 32 36

3 38 39 41 45 47 51

SLOT SIZE 1. *2* 2. *3* 3. *4*

DIAMETER OF SCREEN *56* (NEAREST INCH) FROM *75* TO *105*

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX F F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

T W Q

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

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 *50* (NEAREST FOOT)
 WHEN PUMPING *105* (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

A AIR P PISTON T TURBINE
 C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW)
 J JET S SUBMERSIBLE

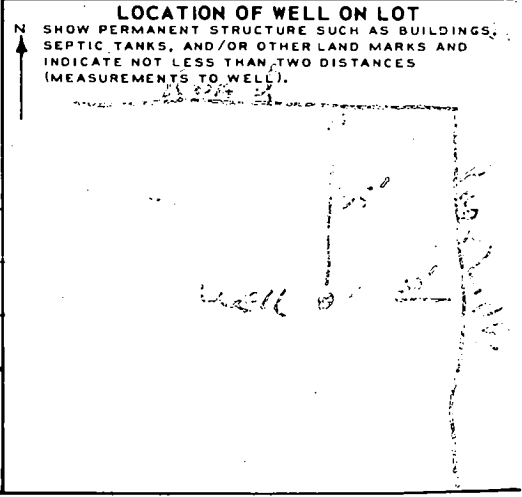
PUMP INSTALLED

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) Y N

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 }



CIRCLE APPROPRIATE BOXES

A 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*

(PLEASE PRINT) *Ralph Mayne*

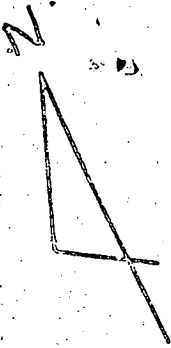
SIGNATURE *Ralph Mayne*

9 Elevations

AM120

The lot shown hereon complies with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

MD. RTE 144

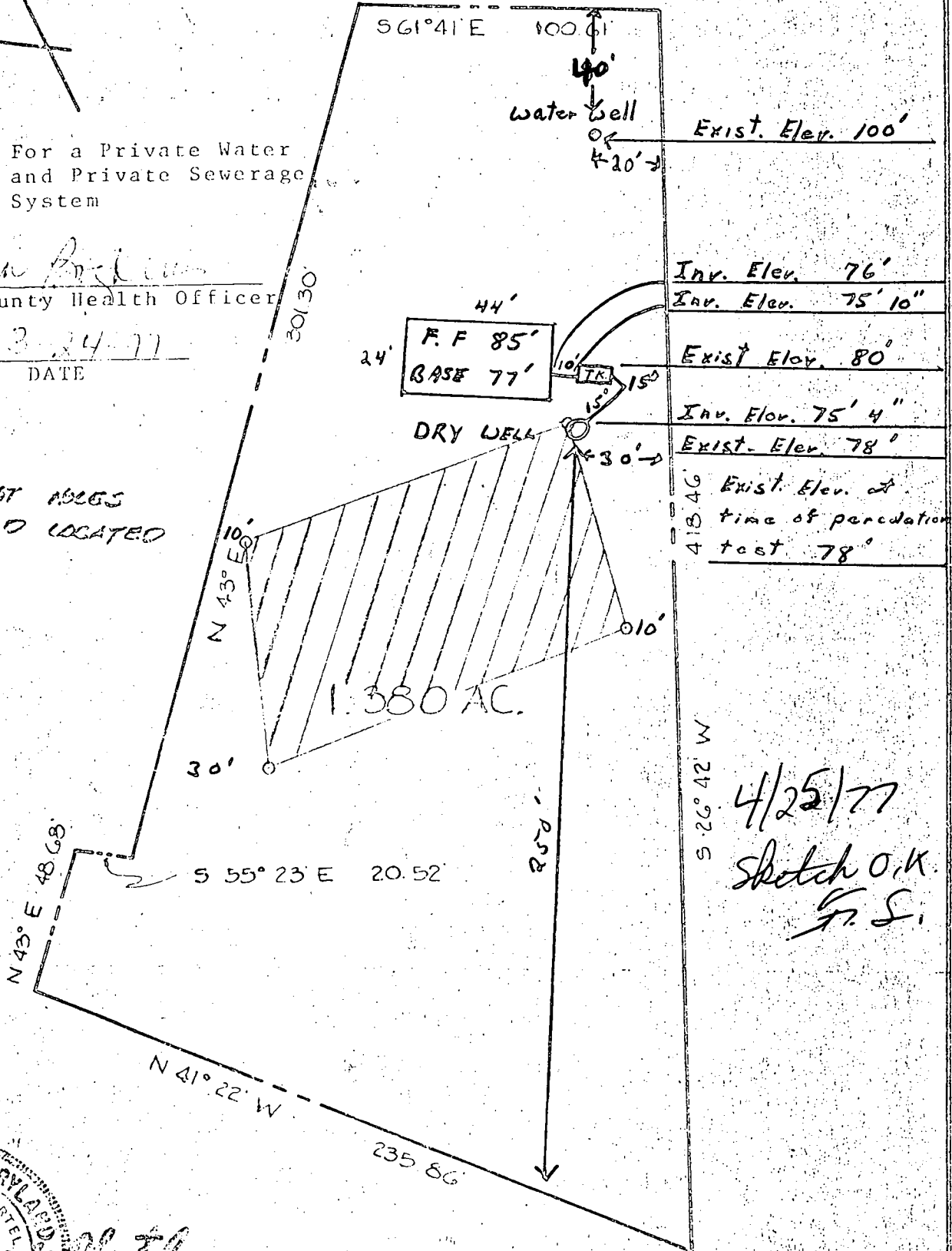


Approved: For a Private Water and Private Sewerage System

Howard County Health Officer
Howard County Health Officer

3-24-77
DATE

PERC TEST HOLES ARE FIELD LOCATED



4/25/77
Sketch O.K.
F.S.

