

4/13/81 APPROVED RH  
P 31196

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

05-381150

ELLICOTT CITY

DISTRICT 5th

DATE 2/26/81

**INDEXED**

4/13/81  
Late this afternoon

*Mitchell-Wiley*

Robert L. Orndorff

IS PERMITTED TO INSTALL  ALTER

ADDRESS 13938 Highland Road, Clarksville, Md. 21029 PHONE 596-9394 465-6298

SUBDIVISION Flamewood ROAD 7507 Laird's Way LOT 3, Block C, Sec. 3

PROPERTY OWNER F. G. Marker, Inc. Gloria Chang

ADDRESS 5900 Princess Garden Parkway, Lanham, Md. 20801

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

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

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

SEEPAGE PITS 8 ABSORBENT SIDE-WALL AREA XX 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

**DRY WELL AND TRENCH** - System to have 125 sq. ft. sidewall area per bedroom. Inlet at 5 ft. below original grade and maximum depth 11 ft. below original grade.

Effective depth begins at 6 ft. below original grade. Total sidewall area in dry well to be 300 sq. ft. Locate dry well 50 ft. from the right lot line and 150 ft. from Laird's Way, as seen when facing lot from Laird's Way. Trench to be 40 ft. long with a sidewall area of 200 sq. ft. Inlet depth at 5 ft. and maximum depth 11 ft.; effective depth at 6 ft. Come off rear of dry well, run trench towards left rear corner of lot. Follow contour to keep trench level.

PLANS APPROVED BY William W. Zepp and Frank Skinner

DATE 1/10/78 & 11/17/80

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.

BLDG. PERMIT SIGNED

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

AND RETURNED 7/30/81

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

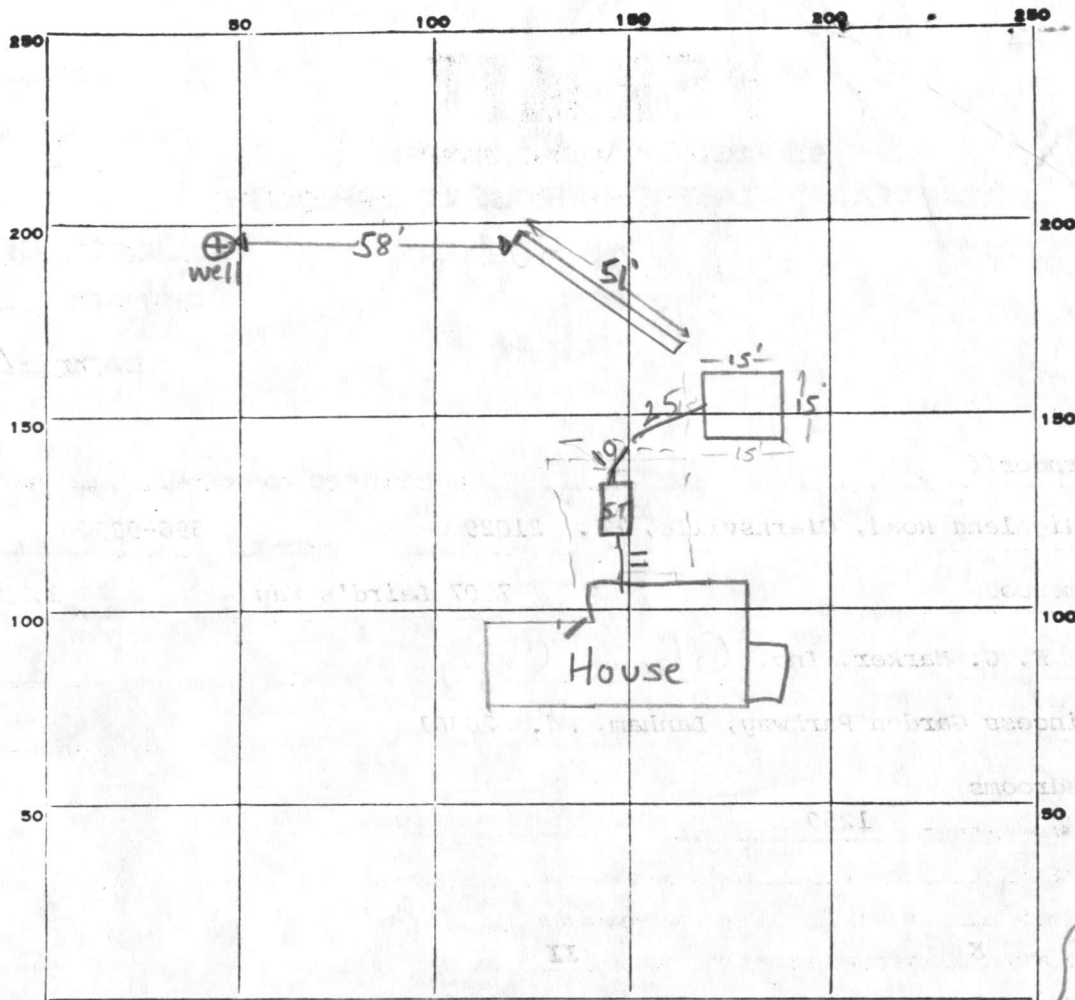
#4695 (revised) deck

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 24508



1 1/2  
60  
300  
57  
5  
trench 255  
d.w. 300  
total 555 #  
inlet pipes

PERMIT CARD  \_\_\_\_\_ J.T. | D.W.

SEPTIC TANK, LEVEL  \_\_\_\_\_ CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX, LEVEL n.a. \_\_\_\_\_

TILE FIELD, DEPTH 11 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6.5 IN. TOTAL LENGTH 51 FT.

NUMBER OF TRENCHES 1  $\frac{1}{2}$  SIDEWALL TOTAL BOTTOM AREA 331

SEEPAGE PITS, <sup>OUTSIDE PERIMETER</sup> INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 5.5 FT.

ABSORBENT AREA 330 SQ. FT.

REMARKS 4/6/81 O.K. to install gravel & pipe in trench. Install cleanouts & cut in pipe from house to septic tank and then to drywell. Call for final inspection before covering any work F.S. Drywell not yet blocked up yet. F.S.

4/13/81 4 BR 4 x 125 = 500 SQ FT REQUIRED

331 + 330 = 660 SQ FT INSTALLED

DATE SYSTEM APPROVED 4/13/81 INSPECTOR Raymond Hodge

# APPLICATION

A 24508

## 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: 465-3000, EXT. 356

DISTRICT 5

DATE 3-15-76

*new depth of system 7ft*

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

BLDG. PERMIT SIGNED  
AND RETURNED 11/17/80

*Serial # 4466*

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

PROPERTY OWNER Henry Dryfoos, III F.G. MAR

ADDRESS 4701 Sangamore Road, Washington, D. C. 20016 PHONE 229-5052

PROPERTY LOCATION:

SUBDIVISION Flamewood LOT NO. NEW LOT 3-C 5, Block 6

ROAD AND DESCRIPTION 7507 Laird's WAY

SIZE OF LOT 40,000 TYPE BLDG. 4  
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 Henry Dryfoos III

APPROVED BY William Th. Zapp FOR D.W. & trench DATE 11/10/78  
(KIND OF SYSTEM)

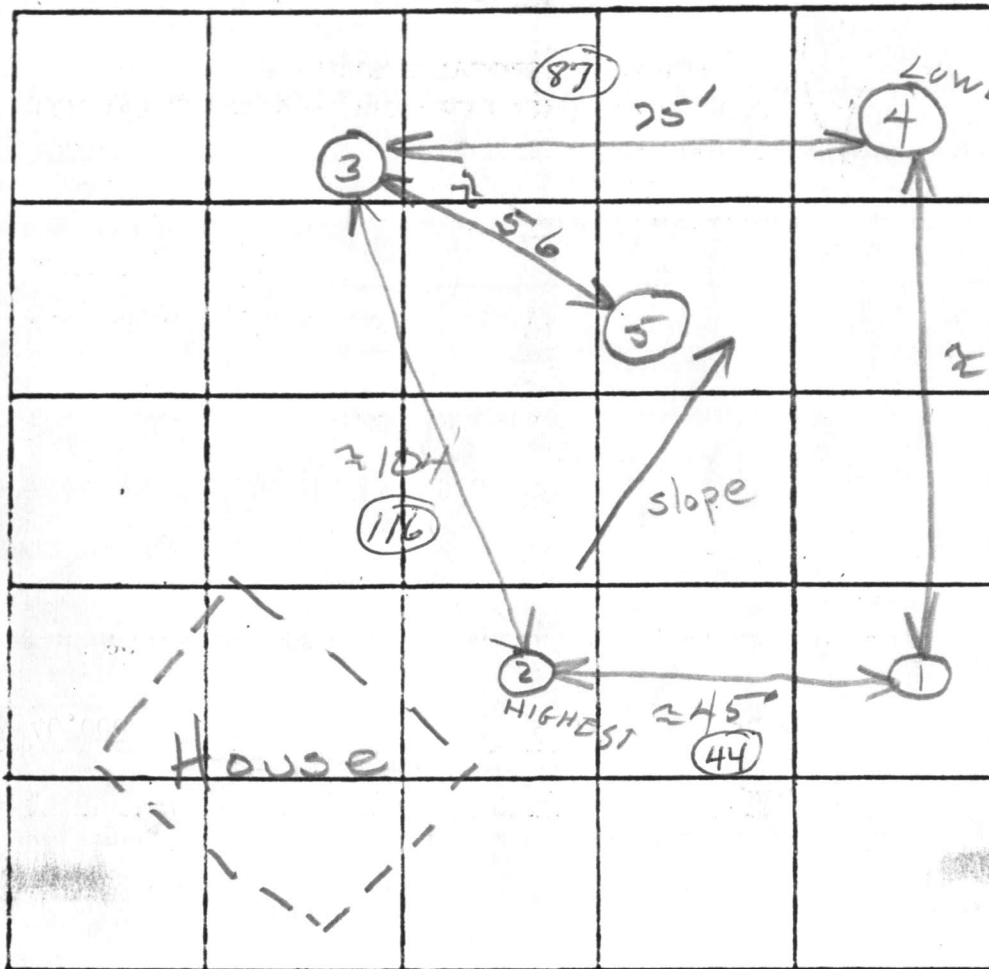
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

# THIS IS NOT A PERMIT

0  
 ↓ clay loam  
 5  
 ↓ sandy mica  
 13.5



Lot 5C

Holes ① ⑤  
 ③ Same Elevation

111  
 66  
 666  
 666  
 7326

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Elevation

High

Low

| DATE | TEST NO. | DEPTH | PRE-WET |         | TEST - 1" DROP   |      | TIME |
|------|----------|-------|---------|---------|------------------|------|------|
|      |          |       | START   | STOP    | START            | STOP |      |
| 4-23 | 1V       | 11    | clay    | at 4'   | similar soil-dry |      |      |
| "    | 2S       | 6.5   | 2:16    | 2:20    | 2:20             | 2:24 | 4    |
| "    | 2D       | 12    | 2:16    | 2:22    | 2:22             | 2:27 | 5    |
| "    | 3S       | 6.5   | 2:14    | 2:17    | 2:17             | 2:21 | 4    |
| "    | 3D       | 12    | 2:14    | 2:20    | 2:20             | 2:32 | 12   |
| "    | 4S       | 6.5   | 2:11    | 2:16    | 2:16             | 2:20 | 4    |
| "    | 4D       | 13.5  | 2:11    | 2:14    | 2:14             | 2:20 | 6    |
| "    | 5V       | 11.5  | clay    | at 4.5' | similar soil-dry |      |      |
|      |          |       |         |         |                  |      |      |
|      |          |       |         |         |                  |      |      |

shallow system

REMARKS

see plat for additional info.

TYPE OF SOIL:

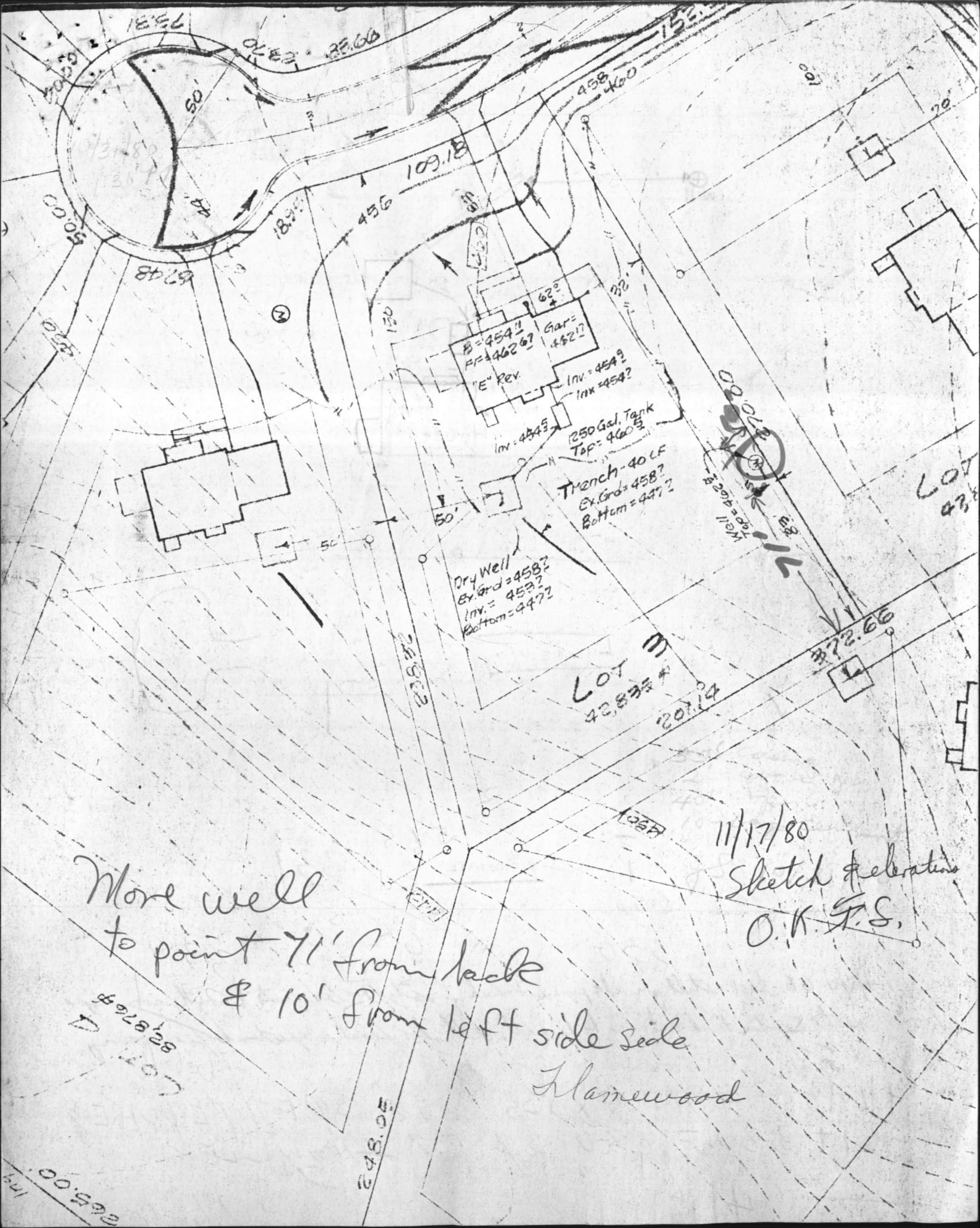
SANDY - mica

TESTED BY

KAL BENSON & RH

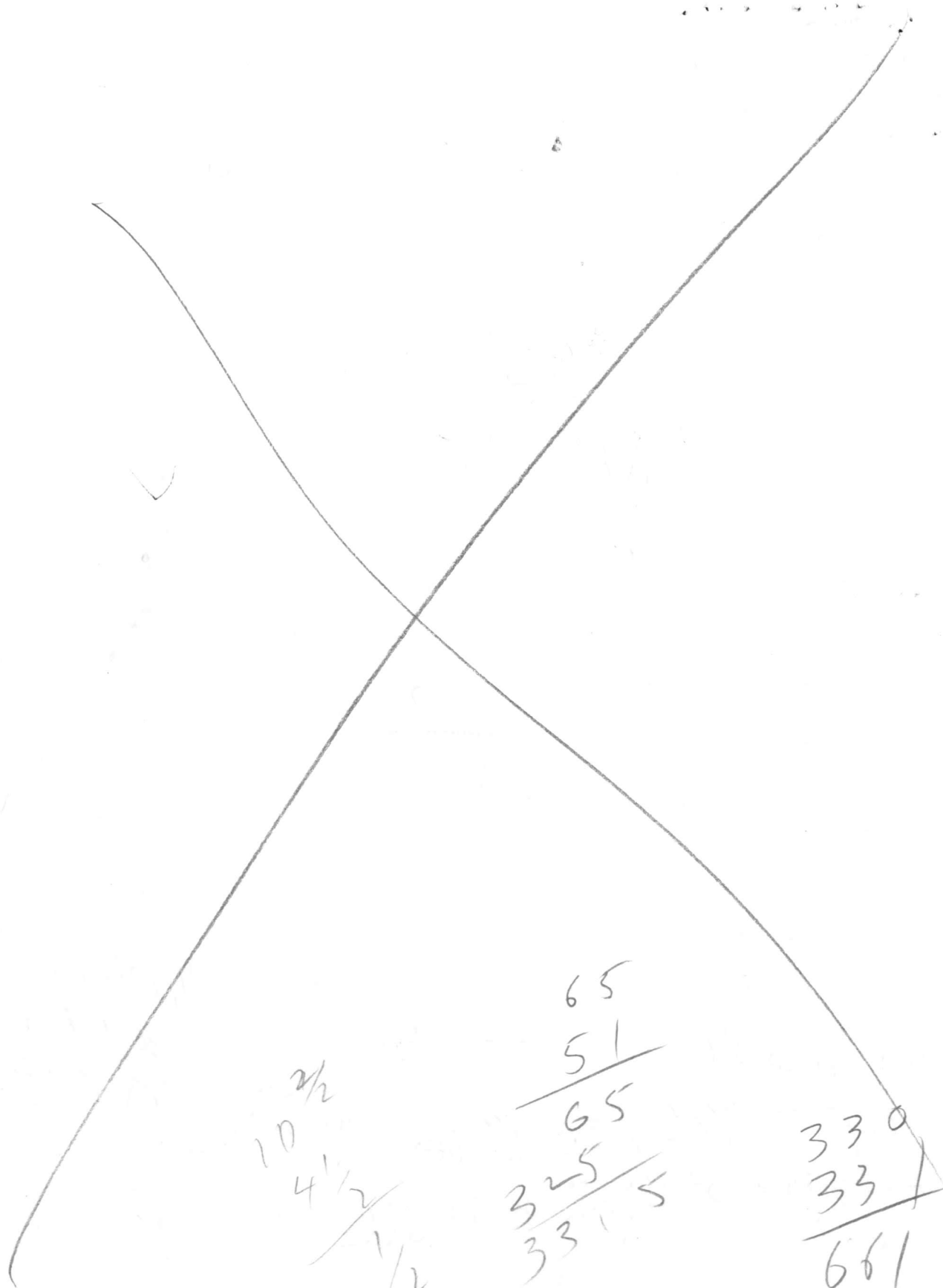
ALSO PRESENT:

TRUCK-BARNES



More well  
to point 71' from back  
& 10' from left side side  
Flamewood

11/17/80  
Sketch & elevations  
O.K. F.S.



$$\begin{array}{r}
 2\frac{1}{2} \\
 10 \\
 4\frac{1}{2} \\
 \hline
 6\frac{1}{2}
 \end{array}$$

$$\begin{array}{r}
 65 \\
 51 \\
 \hline
 65 \\
 325 \\
 \hline
 3315
 \end{array}$$

$$\begin{array}{r}
 330 \\
 33 \\
 \hline
 661
 \end{array}$$

N. 64° 54' 39" E.

201.14

Private

Sewage

Easement

LOT 3

42,837 sq. ft.

8x21

Deck

15x14  
Screen  
Porch

60.1  
2 Story  
Brick & Alum.  
#7507

N. 26° 31' 02" W.

270.00

20' B.R.L.

79.2

109.18  
R=325.00

LAIRD'S WAY  
(50' R.I.W.)

7/31/81  
Plan a.k.a. for book  
J.S.

HOUSE LOCATION  
LOT 3 BLOCK C  
SECTION 3 AREA 1  
FLAMEWOOD  
HOWARD COUNTY, MD.

CERTIFICATION

I HEREBY CERTIFY THAT THE POSITION OF ALL THE EXISTING IMPROVEMENTS ON THE ABOVE DESCRIBED PROPERTY HAS BEEN CAREFULLY ESTABLISHED BY A TRANSIT TAPE SURVEY AND THAT UNLESS OTHERWISE SHOWN, THERE ARE NO ENCROACHMENTS.

*W. Stanley Machen*  
W. STANLEY MACHEN, REGISTERED  
LAND SURVEYOR, MARYLAND #2047

OFFICE OF

W. STANLEY MACHEN  
REGISTERED LAND SURVEYOR  
4328 FARRAGUT STREET  
HYATTSVILLE, MARYLAND

Union 4-5115

Scale 1" = 50'

PLAT REFERENCE:

3823

DATE:

2-15-81

FILE NO.

2-3015

2-9-81 6-21018



RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
MAY 29 4 45 PM '81  
DIVISION OF  
ENVIRONMENTAL  
HEALTH

46957  
Stacia Chang  
changed location  
of deck & porch  
new plot plan  
showing new  
location

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

SEQUENCE NO. (WRA USE ONLY) **5778**

WRA PERMIT NUMBER **HO-73-3724**

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) **10/31/80 1:30 P.M.**

OWNER **Markus G. F. Inc.**

COL 15 LAST NAME **Markus** COL. 34 FIRST NAME **G. F.**

STREET OR RFD **5900 Princess Garden Parkway** COL. 36 COL. 55

POST OFFICE **Kenham Md - 20801** COL. 57 COL. 76

**B 1 CONTINUED**

DRILLER INFORMATION

DATE **Oct 16, 1980** LICENSE NUMBER **238**

FIRST NAME **Joseph L. Wayne** DRILLER LAST NAME **Wayne**

SIGNATURE **Joseph L. Wayne**

**B 3**

LOCATION OF WELL

COUNTY **Howard** (DO NOT ABBREVIATE COUNTY NAME)

SUBDIVISION **Flanewood**

SECTION **C** LOT **3**

NEAREST TOWN **Fulton**

MILES FROM TOWN (ENTER 0 IF IN TOWN) **2 1/2**

**B 2**

WELL INFORMATION

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) **5**

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) **750**

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)

NORTH  EAST  NORTHEAST  SOUTHEAST

SOUTH  WEST  NORTHWEST  SOUTHWEST

NEAR WHAT ROAD **Lairds way**

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  NORTH  SOUTH  EAST  WEST

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) **185**

APPROXIMATE DEPTH OF WELL **300** FEET

APPROXIMATE DIAMETER OF WELL **6** (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED)  JETTED  DRIVEN

AIR-ROTARY  AIR-PERCUSSION  ROTARY (HYDRAULIC ROTARY)

CABLE  REVERSE-ROTARY  DRIVE-POINT

OTHER (DESCRIBE) \_\_\_\_\_

REPLACEMENT OR DEEPEINED 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 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 \_\_\_\_\_

**B 4 CONTINUED**

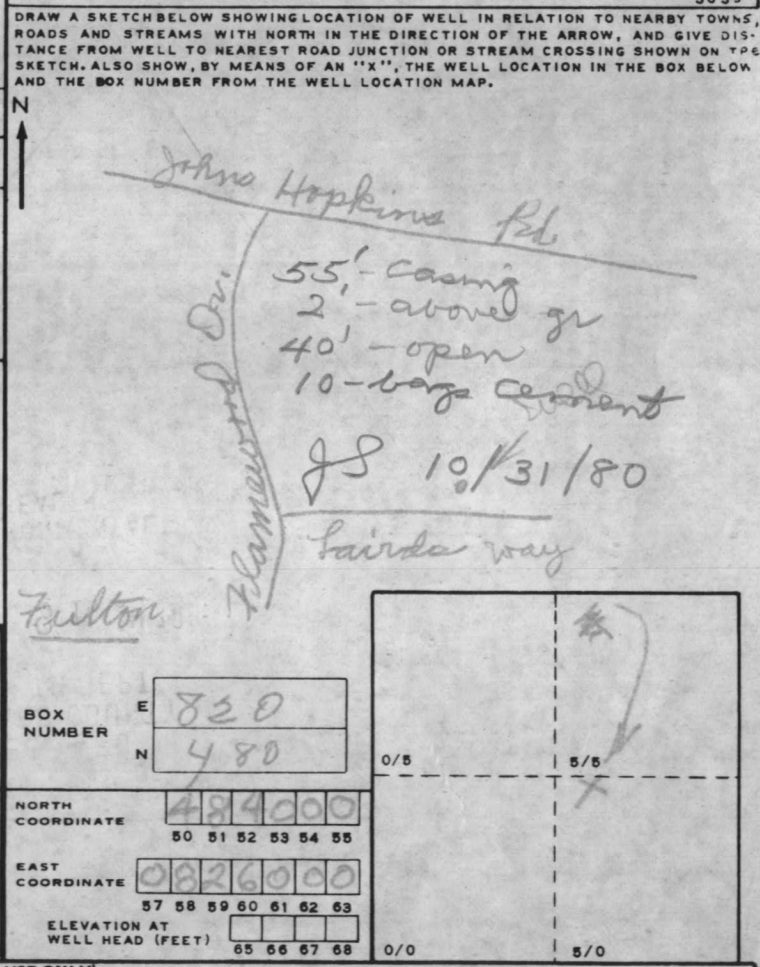
HEALTH DEPARTMENT APPROVAL

STATE HEALTH (CIRCLE BOX) **S**

COUNTY NAME **Howard** COUNTY NO. **A24508**

DATE **10/17/80**

APPROVED BY **Frank Skinner, Sanitarian**



**B 5**

SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

C 1 4691 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED COUNTY NUMBER A24508

Date Received (WRA use only) Oct 30, 1990 DATE WELL COMPLETED

Depth of Well 325 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-73-3724

OWNER Masker last name G. F. first name STREET OR RFD 5900 Precious Garden Parkway TOWN Lanham Md. SUBDIVISION FLAME WOOD SECTION C LOT 3

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Sand 0-50, Miss Rock 50-325.

WELL HAS BEEN GROUTED (yes Y, no N) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 10 NO. OF POUNDS 940 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 40 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE S+ Nominal diameter top(main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 55

OTHER CASING (if used) diameter inch depth (feet) from to

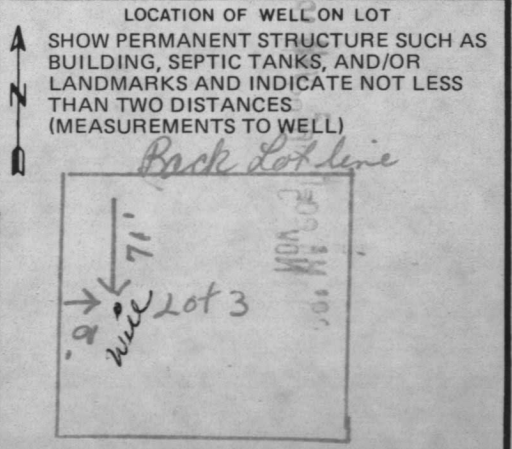
SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS, BRONZE OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) 40 53 325

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

PUMPING TEST C 3 (seq no) 6 HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 15 METHOD USED TO MEASURE PUMPING RATE air WATER LEVEL (distance from land surface) BEFORE PUMPING 75 WHEN PUMPING 10 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED YES NO DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 2 (nearest foot)



CIRCLE APPROPRIATE BOX 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 IDENT. NO. 238 DRILLERS SIGNATURE Frank L. Mayne (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

