approved 9/1/82 Staya

P 32119

A Repair

# PERMIT

## SEWAGE DISPOSAL SYSTEM

## MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

8/30/82 ~~Am Please~~ 9/1/82 A.S.A.P.

ELLICOTT CITY

DISTRICT 4th

DATE 8/23/82

04-332601

# INDEX

Pat Lendrim IS PERMITTED TO INSTALL ____ ALTER X

ADDRESS 14010 Forsythe Road, Sykesville, Md. 21784 PHONE 442-2416

SUBDIVISION ____ ROAD 1370 Route 97 LOT 3

PROPERTY OWNER Garry R. Wessels

ADDRESS 1370 Route 97, Cooksville, Maryland Phone No.: 489-4812

SPECIFICATIONS

SEPTIC TANK CAPACITY ____ GALLONS

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

DEEP TRENCH ____ DEPTH ____ FEET, BOTTOM AREA ____ 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

REPAIR - Call for an appointment when ground is opened up and Sanitarian will recommend the repair system. Minium 470 sq. ft. in system. 70 linear ft.

8/23/82 70 linear ft. of trench per T.D.

PLANS APPROVED BY Palmer F. Wine DATE 8/23/82

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.

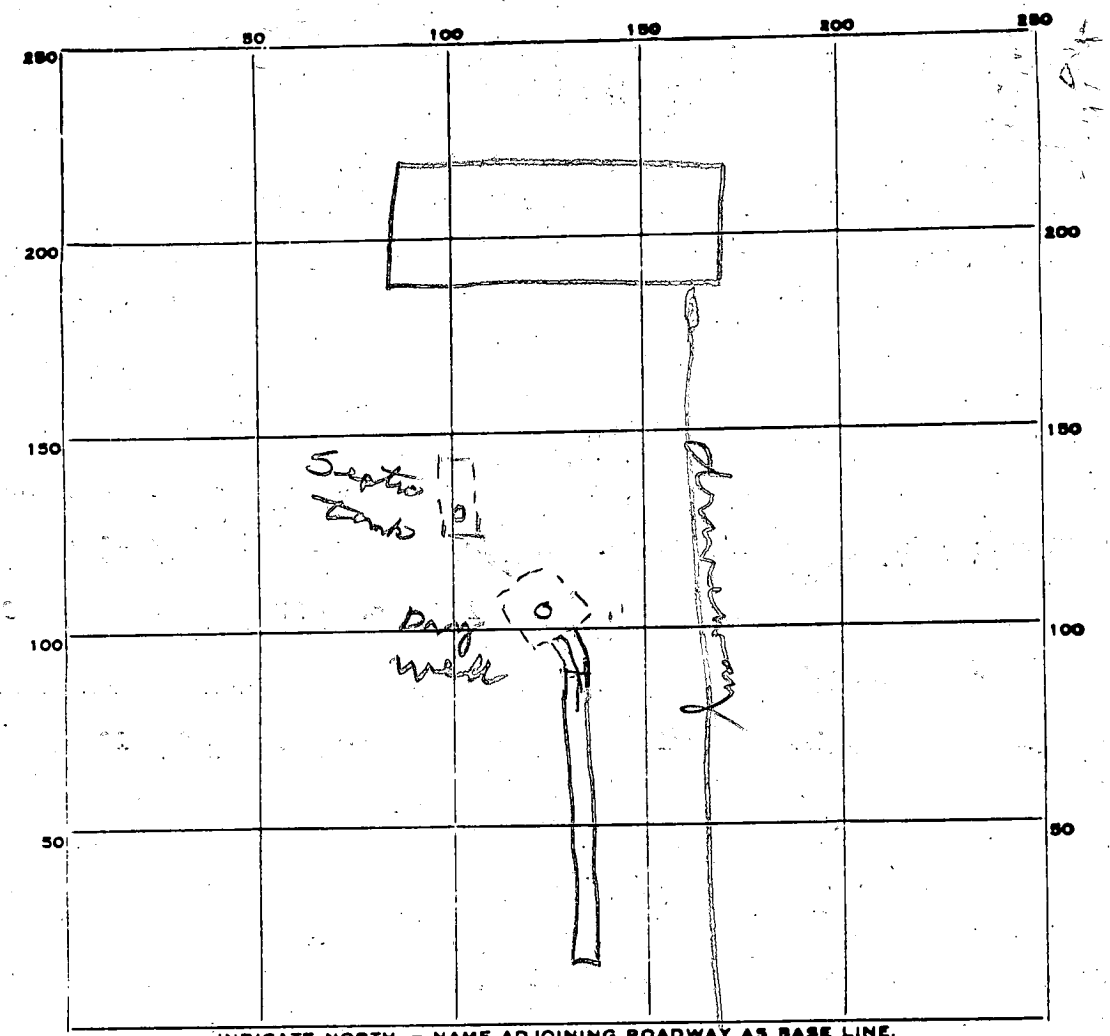
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.**

P 32119




INDICATE NORTH. – NAME ADJOINING ROADWAY AS BASE LINE.

Rt 97

PERMIT CARD _____

SEPTIC TANK, LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

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

GRAVEL DEPTH 6 IN. TOTAL LENGTH 70 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 420

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

ABSORBENT AREA 420 SQ. FT.

REMARKS 8/30/82 OK to add stone on trench. jf

9/1/82 OK to cover all work. jf

DATE SYSTEM APPROVED 9/1/82 INSPECTOR Stayer

7/9/75

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 21761

A 17668

HOWARD COUNTY

INDEXED

ELLICOTT CITY

DISTRICT 4th

DATE 7/7/75

Pat Lendrim IS PERMITTED TO INSTALL X ALTER

ADDRESS 14010 Forsythe Road, Sykesville, Md. PHONE 442-2416

A SEWAGE DISPOSAL-SYSTEM LOCATED AT

SUBDIVISION ROAD 1370 Hoods Mill Road LOT 3-A

PROPERTY OWNER Carl L. Zimmerman

ADDRESS 1370 Hoods Mill Road, Cooksville, Md. Phone: 286-3611

SPECIFICATIONS 3 ~~X~~ bedrooms

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

SEEPAGE PITS ____ ABSORBENT SIDE-WALL AREA ____ SQ. FT.

1250 - customer requested

SEPTIC TANK CAPACITY ~~1000~~ GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER DRY WELL - To have 125 sq. ft. effective absorbent sidewall area per bedroom below inlet. Inlet to be 3½ ft. below original grade and maximum depth is 11 ft. Locate dry well 120 ft. from front property line and 110 ft. in from left property line as seen when facing lot from road. (Perc hole 4 & 5).

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.
PERMIT VOID AFTER THREE YEARS.

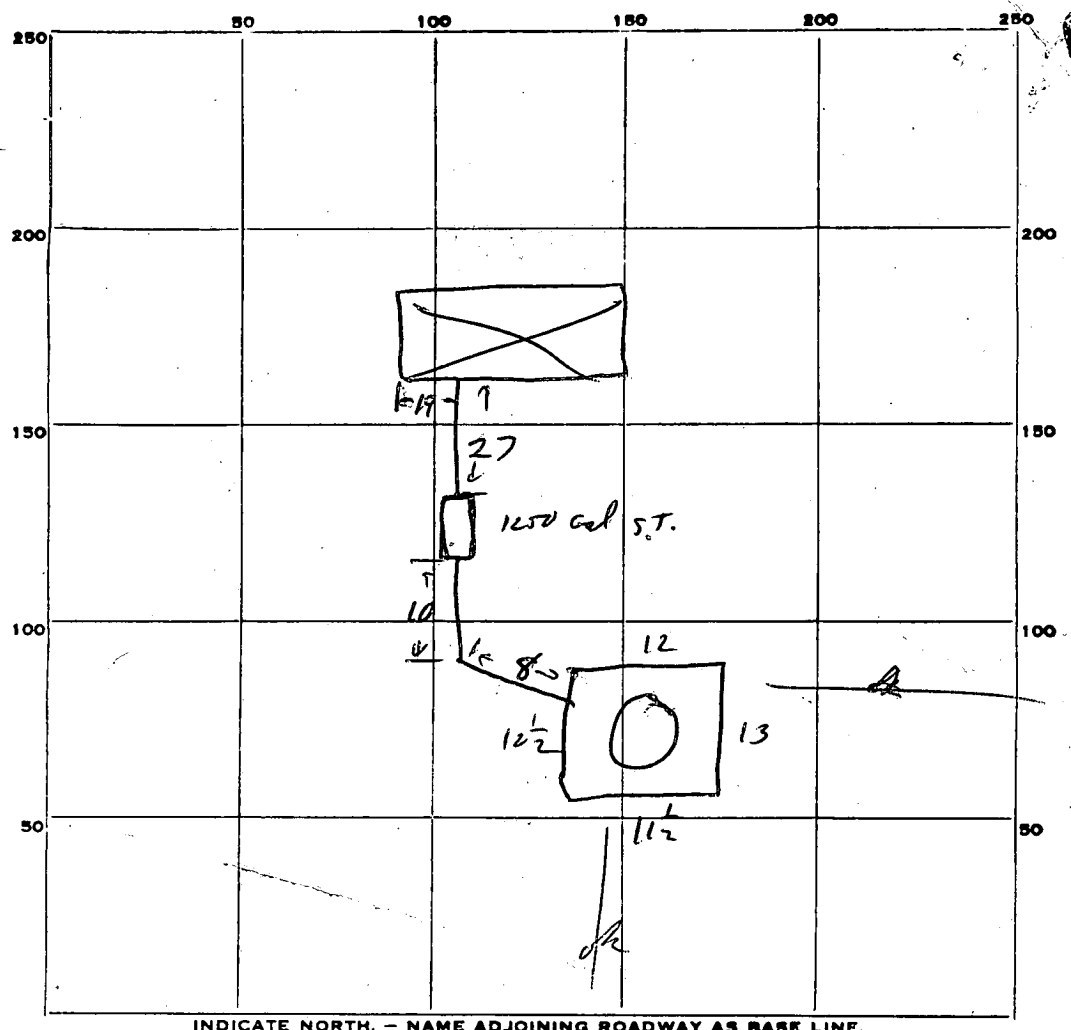
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

PLANS APPROVED BY Charles B. Streaker DATE 5/16/74

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

A 17668




INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

← Rt 97 →

← N

PERMIT CARD _____

SEPTIC TANK, LEVEL ✓ CLEANOUTS ✓ ✓

~~DISTRIBUTION BOX, LEVEL~~ _____

~~TILE FIELD, DEPTH~~ _____ ~~FT.~~ ~~TRENCH WIDTH~~ _____ ~~FT.~~

~~GRAVEL DEPTH~~ _____ ~~IN.~~ ~~TOTAL LENGTH~~ _____ ~~FT.~~

~~NUMBER OF TRENCHES~~ _____ ~~TOTAL BOTTOM AREA~~ _____

SEEPAGE PITS, ~~INSIDE DIAMETER~~ Perimeter 39 FT. DEPTH BELOW INLET 8 FT. × 7½

ABSORBENT AREA 370 SQ. FT.

26
13
49
7.5
285
343
367.5

REMARKS _____

DATE SYSTEM APPROVED 7/11/75 INSPECTOR R. Moorhead

4-1st Holes 100 ft. apart on 10,000 sq. ft. Preliminary

Zimmerman
A 17668
P

# APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY Septic Tank { 1-3 Bedroom 1000 gallons / 4 Bedroom 1250 gallon } ELLICOTT CITY DISTRICT 4

Dry Well to have 125 sq ft. effective absorbant sidewall area per bedroom below inlet. Inlet to be 3½' below original grade & maximum depth 11'. Location 120' from front property line and 110' in from left property line when facing lot from road. Test hole (4+5)

DATE 4/29/75

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Thomas G. Oyster

ADDRESS 2419 Reedie PHONE 949-2011

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 3A

ROAD AND DESCRIPTION Hoods Mill Rd. (Rt 97) South of Forsythe Rd

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 2.7306 A TYPE BLDG. 4 (NUMBER OF BEDROOMS)

IF NOT SINGLE RESIDENCE DESCRIBE _____

BLDG. PERMIT SIGNED AND RETURNED 4/29/75

SIGNATURE OF APPLICANT John W. Lewis for Thomas G. Oyster

APPROVED BY C. Steakes FOR Dry Well (KIND OF SYSTEM) DATE 5/16/74

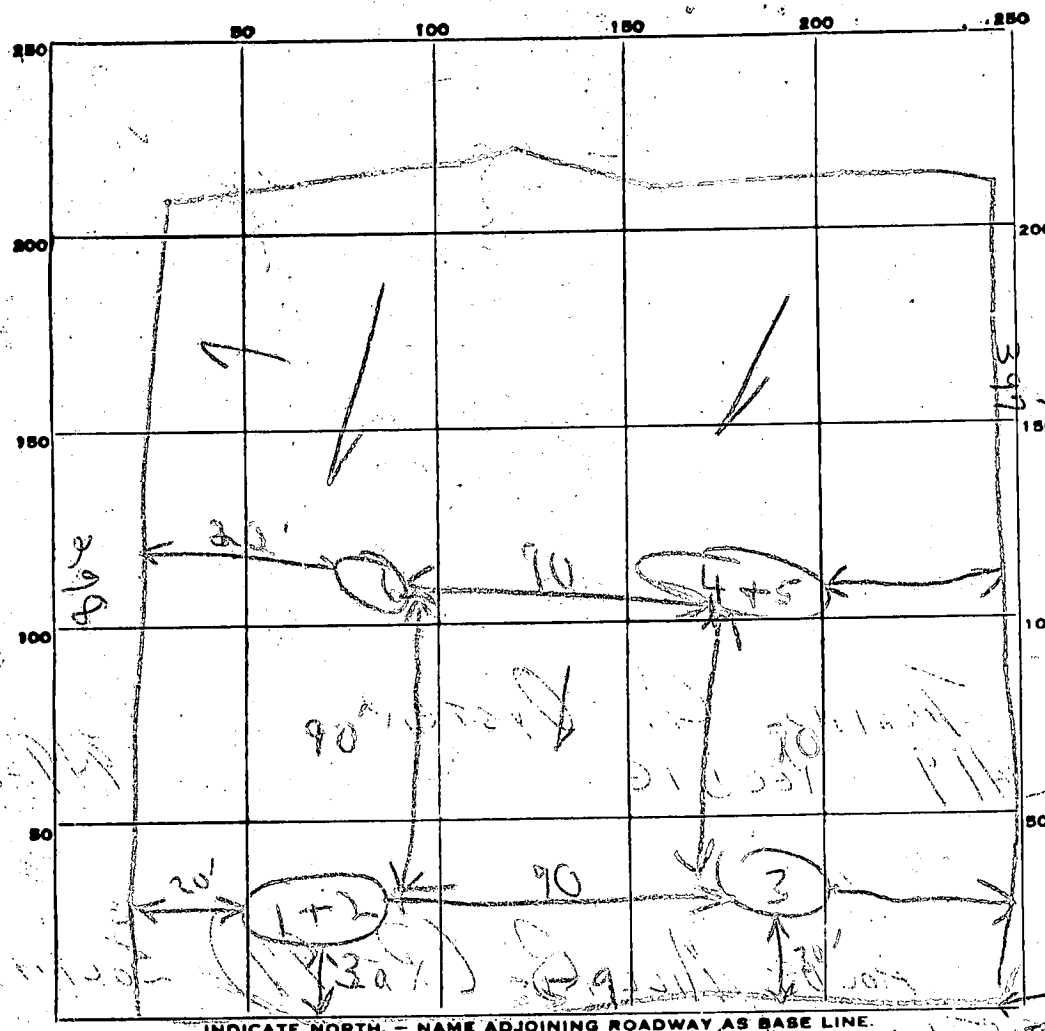
REJECTED BY _____ FOR _____ (KIND OF SYSTEM) DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

Carl S. Zimmerman - 286-3611

# THIS IS NOT A PERMIT




| DATE | TEST NO. | DEPTH | PRE-WET START | PRE-WET STOP | TEST - 1" DROP START | TEST - 1" DROP STOP | TIME |
|---|---|---|---|---|---|---|---|
| 11/9 | 1 | 4' | 11:12 | 11:14 | 11:14 | 11:18 | 4 min |
| | 2 | 11' | 11:12 | 11:14 | 11:14 | 11:16 | 2 min |
| | 3 | 11' | | | | | |
| | 4 | 3½' | 11:20 | 11:22 | 11:22 | 11:28 | 6 min |
| | 5 | 11' | 11:20 | 11:22 | 11:22 | 11:30 | 8 min |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

SOIL AUGER FINDING

TESTED BY B.S

REMARKS

# APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

A 17668

P

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4

DATE 11/22/72

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Thomas G. Oyster

ADDRESS 2419 Reedie PHONE 949-2011

PROPERTY LOCATION:

SUBDIVISION LOT NO. 3

ROAD AND DESCRIPTION Hoods Mill Rd. (Rt 97) South of Forsythe Rd

OCCUPANT PHONE

PERSON TO CONSTRUCT SYSTEM

ADDRESS PHONE

SIZE OF LOT 2.7306 A TYPE BLDG. 4 (NUMBER OF BEDROOMS)

IF NOT SINGLE RESIDENCE DESCRIBE

SIGNATURE OF APPLICANT John W. Lewis for Thomas G. Oyster

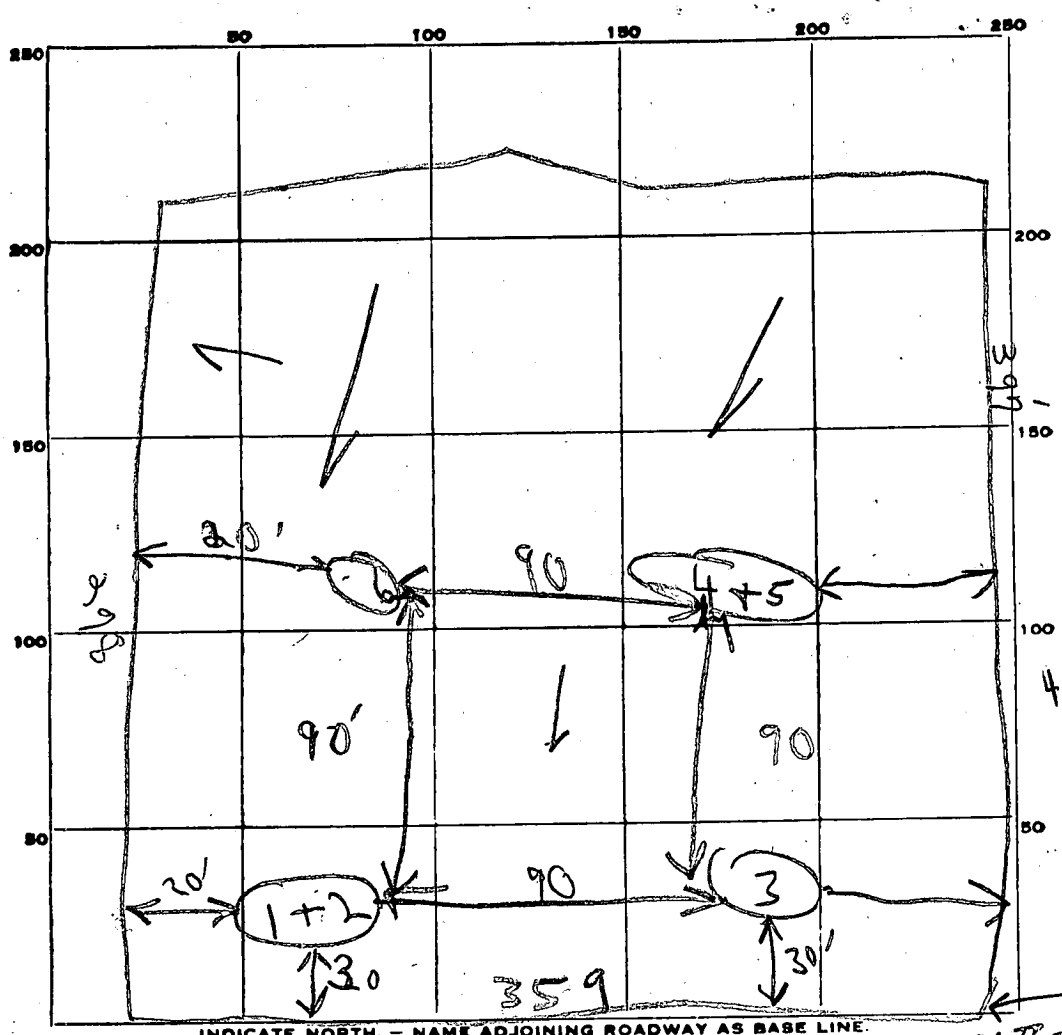
APPROVED BY FOR (KIND OF SYSTEM) DATE

REJECTED BY FOR (KIND OF SYSTEM) DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING

# THIS IS NOT A PERMIT




Existing House to remain

Lot #3

| DATE | TEST NO. | DEPTH | PRE-WET START | PRE-WET STOP | TEST - 1" DROP START | TEST - 1" DROP STOP | TIME, |
|---|---|---|---|---|---|---|---|
| 11/29/72 | 1 | 4' 5 | 11:12 | 11:14 | 11:14 | 11:18 | 4 min |
| | 2 | 11' 0 | 11:12 | 11:14 | 11:14 | 11:16 | 2 min |
| | 3 | 11' | good | soil | | | |
| Rain | 4 | 3'1/2 5 | 11:20 | 11:22 | 11:22 | 11:28 | 6 min |
| | 5 | 11' 0 | 11:20 | 11:22 | 11:22 | 11:30 | 8 min |
| | 6 | 11' | good | soil | | | |

6

14

4/20 5 min

(8 min)

Inlet, 3'1/2

See 4+5

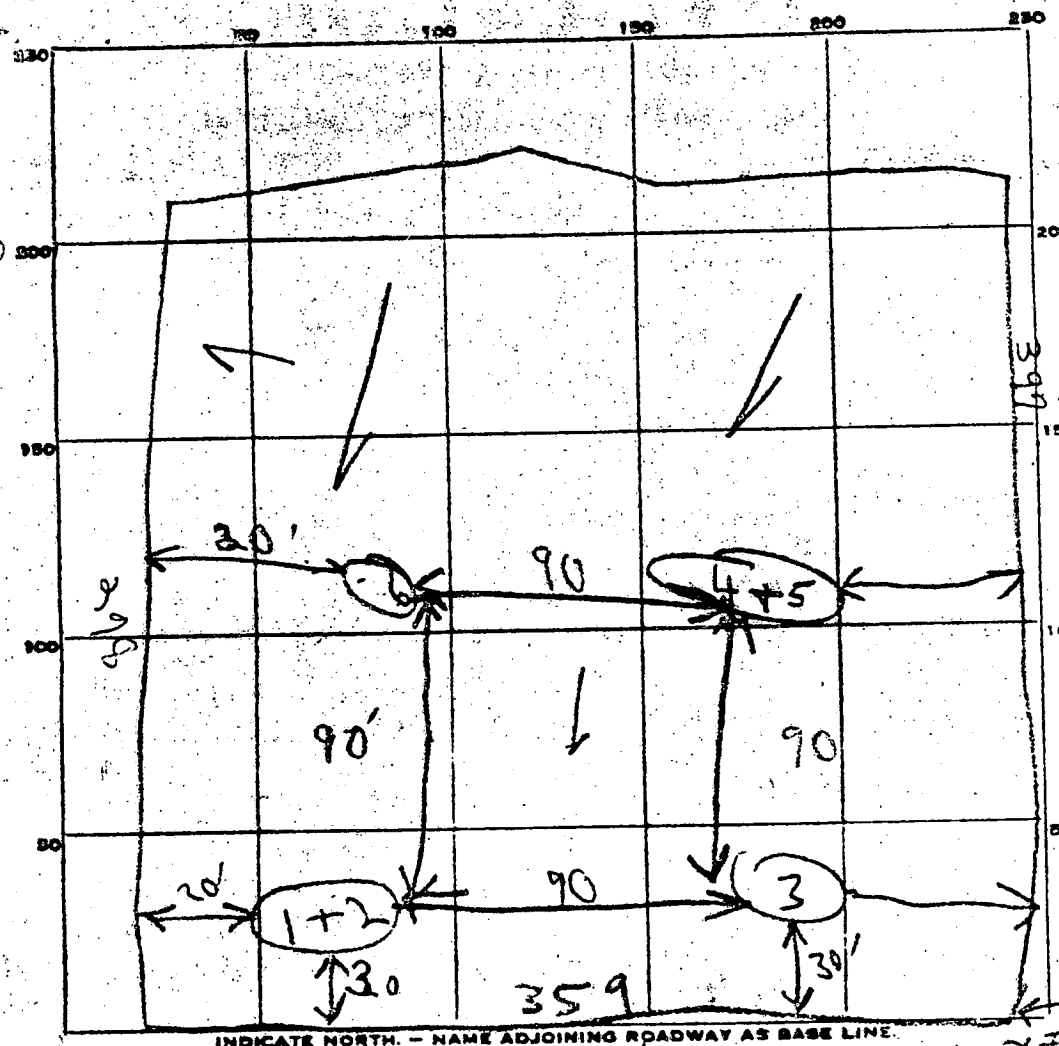
SOIL AUGER FINDING

TESTED BY B.S.

REMARKS

Lot #3

Option at al Property




Existing House to be Removed

Lot #3

Lot #3

| DATE | TEST NO. | DEPTH | PRE-WET START | PRE-WET STOP | TEST - 1" DROP START | TEST - 1" DROP STOP | TIME. |
|---|---|---|---|---|---|---|---|
| 11/19/92 | 1 | 9' 5" | 11:12 | 11:14 | 11:14 | 11:18 | 4 min |
| | 2 | 11' 0" | 11:12 | 11:14 | 11:14 | 11:16 | 2 min |
| | 3 | 11' | good | soil | | | |
| | 4 | 3'1/2' 5" | 11:20 | 11:22 | 11:22 | 11:28 | 6 min |
| | 5 | 11' 0" | 11:20 | 11:22 | 11:22 | 11:30 | 8 min |
| | 6 | 11' | good | soil | | | |

14

4/20 5 min

(8 min)

Installed 3 1/2

Use 4+5

SOIL AUGER FINDING

TESTED BY B.S.

REMARKS

Approved:
For private water and private sewer

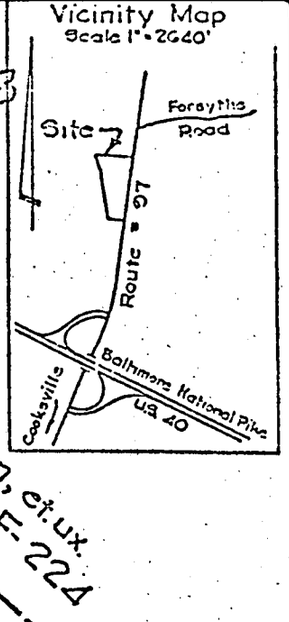
J. Brett Lazar MD 2/9/73

Dr. J. BRETT LAZAR
County Health Officer Date

Approved:
Office of Planning and Zoning

Thomas G. Harris Jr. 2-20-73

THOMAS G. HARRIS JR.
Planning Director Date







JAMES J. DEMMA
Professional Land Surveyor, Md. #7695

OWNER'S CERTIFICATE

We, the undersign owners of the property shown hereon, our heirs or assigns, adopt this plan of subdivision and do hereby establish the Building Restriction Line shown hereon in order to comply with the general plan of highways of Howard County, and including the land dedicated hereon for the widing of Route #97.

Thomas G. Oyster Gilford Dye

Dorothy D. Oyster Percy E. Dye

NOTE:

The lots shown hereon comply with minimum ownership width and lot area as required by Maryland State Department of Health Regulations.

Total number of lots - 3
Total area of lots - 4.7506 Acres
Total area of widening - 0.5091 Acre
Property shown hereon located on Tax Map 8
Title reference Liber 445 Folio 610.

Owner:
Thomas G. Oyster, et al.
2410 Reedie Drive
Wheaton, Md. 20902

# Oyster, et al. Property

4th Election District - Howard County - Maryland
Scale 1" = 100' November, 1972


Oyster, Imus & Associates, Inc.
Civil Engineers • Land Planners • Land Surveyors
2410 Reedie Drive • Wheaton, Maryland • 949-2011


REV 11/29/72 1791. A-1

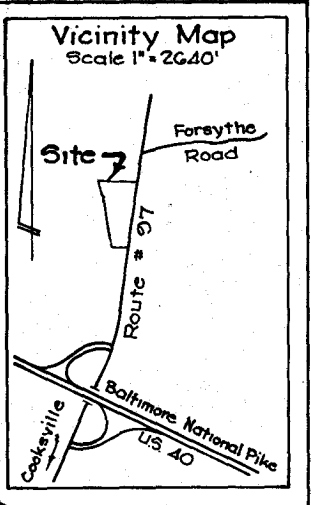
HS-73-12

Approved:
For private water and private sewer

Dr. J. BRETT LAZAR
County Health Officer Date

Approved:
Office of Planning and Zoning

THOMAS G. HARRIS Jr.
Planning Director Date







James J. Demma
JAMES J. DEMMA
Professional Land Surveyor, Md. #7695

## OWNER'S CERTIFICATE

We, the undersign owners of the property shown hereon, our heirs or assigns, adopt this plan of subdivision and do hereby establish the Building Restriction Line shown hereon in order to comply with the general plan of highways of Howard County, and including the land dedicated hereon for the widing of Route #97.

Thomas G. Oyster Gifford Dye
Thomas G. Oyster Gifford Dye

Dorothy D. Oyster & Percy E. Dye
Dorothy D. Oyster & Percy E. Dye

NOTE:

The lots shown hereon comply with minimum ownership width and lot area as required by Maryland State Department of Health Regulations.

Total number of lots - 3
Total area of lots - 4.7306 Acres
Total area of widening - 0.5091 Acre
Property shown hereon located on Tax Map 8
Title reference Liber 445 Folio 610.

Owner:
Thomas G. Oyster, et al.
2410 Reedie Drive
Wheaton, Md. 20902

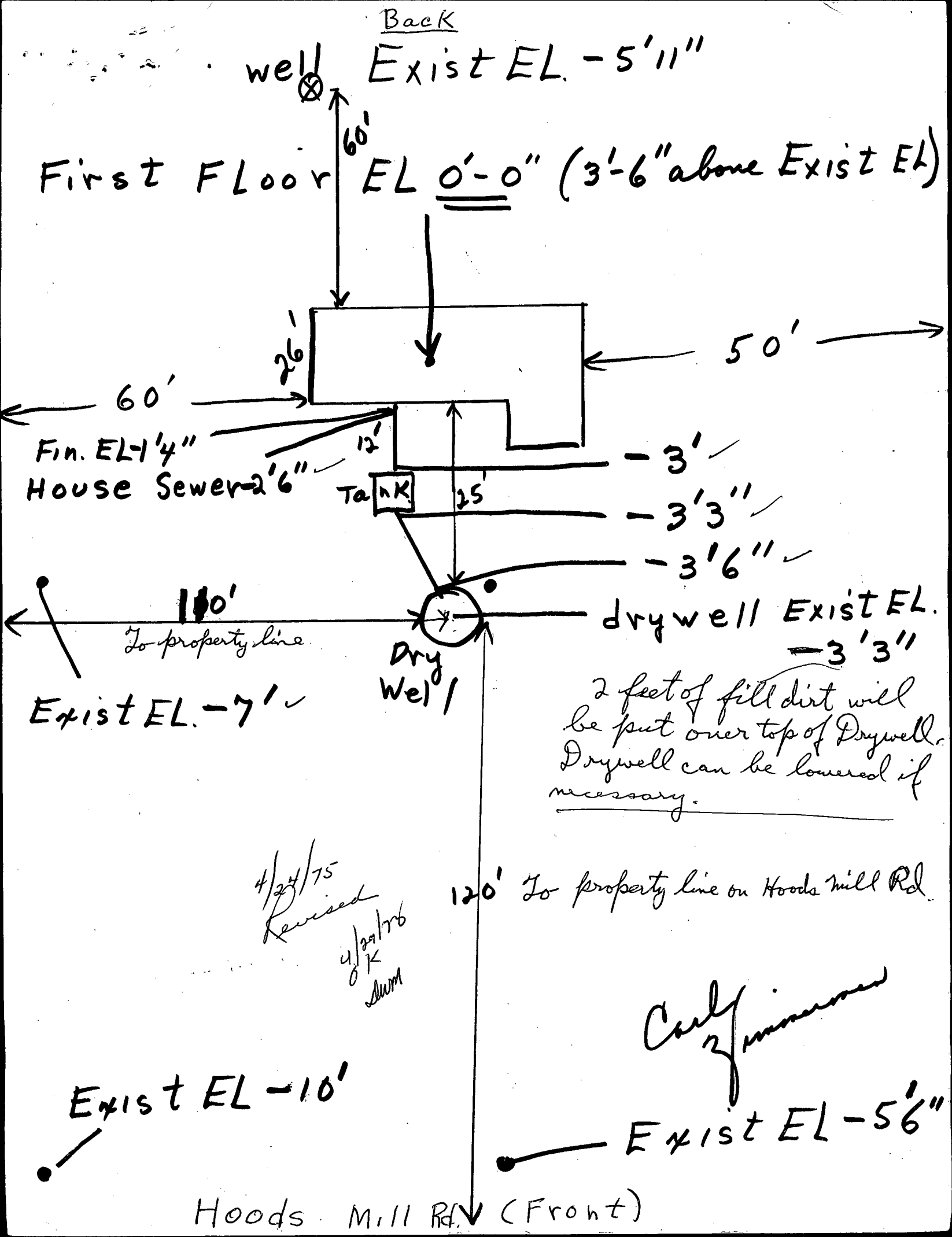
# Oyster, et. al. Property

4th Election District - Howard County - Maryland
Scale 1" = 100' November, 1972

**Oyster, Imus & Associates, Inc.**
Civil Engineers • Land Planners • Land Surveyors
2410 Reedie Drive • Wheaton, Maryland • 949-2011

REV 2/7/73 REV 1/31/73 REV 11/29/72 1701 A-1

| Lot No. | Test No. | Average percolation time in minutes per second inch | Maximum depth permitted for effluent to enter sewage disposal area at its highest elevation with reference to existing grade at time of percolation test |
|---|---|---|---|
| 1 | 1 | 15' | |
| 1 | 2 | 10' | |
| 1 | 3 | | Similar to 1 and 2 |
| 1 | 4 | 2' | |
| 1 | 5 | 22' | Use 4 and 5 Inlet 3-1/2' |
| 1 | 6 | | Good soil, no water, loose soil |
| 2 | 1 | 4' | |
| 2 | 2 | 8' | |
| 2 | 3 | | 10-1/2' loose sandy soil |
| 2 | 4 | 6' | |
| 2 | 5 | 8' | Use 4 and 5 Inlet 4' |
| 2 | 6 | | 11' loose sandy soil |
| 3 | 1 | 4' | |
| 3 | 2 | 2' | |
| 3 | 3 | | Good soil |
| 3 | 4 | 6' | |
| 3 | 5 | 8' | Use 4 and 5 Inlet 3-1/2' |
| 3 | 6 | | 11' good soil |


Back
well Exist EL. -5'11"
60'
First Floor EL 0'-0" (3'-6" above Exist El)
26'
50'
60'
Fin. EL-1'4"
House Sewer-2'6"
12'
Tank
25'
-3'
-3'3"
-3'6"
100'
To property line
drywell Exist EL.
-3'3"
Dry Well
Exist EL. -7'
2 feet of fill dirt will be put over top of Drywell. Drywell can be lowered if necessary.
4/23/75
Revised
4/29/76
KWM
120' To property line on Hoods Mill Rd.
Exist EL -10'
Exist EL -5'6"
Hoods Mill Rd. (Front)

DNR-131 (7/73) EMERGENCY NO. (If any) – FILE

B 1 4818 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-72-1077
FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
7/18/75
9:30

OWNER Zimmerman Carl
COL 15 LAST NAME FIRST NAME COL. 34

STREET OR RFD Rt. #108
COL 36 COL. 55

POST OFFICE Ellicott City, Md. 21043
COL 57 COL. 76

8-13

B 1 CONTINUED (SEQ. NO.) 6

### DRILLER INFORMATION

DATE 6-26-75 LICENSE NUMBER 217
77 80

C. A. Cornell
FIRST NAME DRILLER LAST NAME

SIGNATURE C. A. Cornell

B 2 (SEQ. NO.) 6

### WELL INFORMATION

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 3
8 12

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 400
14 20

### USE FOR WATER (CIRCLE APPROPRIATE BOX)

(D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING, AGRICULTURE, IRRIGATION
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
22
M MUNICIPAL WATER SUPPLY
P PRIVATE WATER COMPANY
} MUST HAVE STATE HEALTH DEPT. APPROVAL
T TEST

APPROXIMATE DEPTH OF WELL 150 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 DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
39
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)
41 52

### NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)

APPROPRIATION PERMIT NUMBER GAP
54 63
ENGINEER REVIEW DISTRICT NO. 65

FORCE WRITE INITIALS IN BOX
67 68

CONDITIONS HEVDLM A E N S G W Q C L U
70 71 72 73 74 75 76 77 78 79

B 4 CONTINUED (SEQ. NO.) 6

### HEALTH DEPARTMENT APPROVAL

41 S STATE HEALTH (CIRCLE BOX)
Howard
COUNTY NAME
H23750
COUNTY NO.

DATE MO. 7 DAY 18 YR. 75
43 48

APPROVED BY Donald Monaghan Sanitarian

B 5 (SEQ. NO.) 6

SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
8 63

### LOCATION OF WELL

B 3 (SEQ. NO.) 6

COUNTY HOWARD
8 (DO NOT ABBREVIATE COUNTY NAME) 21

SUBDIVISION
23 42

SECTION 44 46 LOT 48 50

NEAREST TOWN COOKSVILLE
52 71

MILES FROM TOWN (ENTER 0 IF IN TOWN) 1 M I
73 76 77 78

### DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)

B 4 (SEQ. NO.) 6

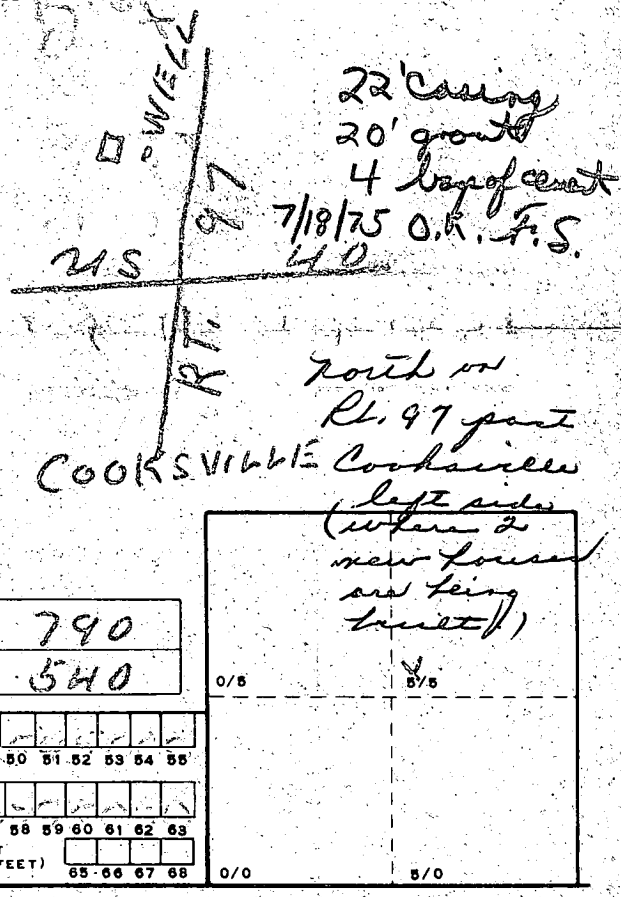
(N) NORTH E EAST NE NORTHEAST SE SOUTHEAST
S SOUTH W WEST NW NORTHWEST SW SOUTHWEST
8 8 8 9 8 9

NEAR WHAT ROAD Rt. 97
11 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH (N) SOUTH (S) EAST (E) WEST (W)
32 32 32 32

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 100 F T M I
34 37 38 39

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWN 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.




BOX NUMBER E 790 N 540

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

0/5 5/5 0/0 5/0

HEALTH

DNR 214 9/71

C 1 8094 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)

DATE WELL COMPLETED: July 16-75 (15 20)

DEPTH OF WELL: 125 (TO NEAREST FOOT) (22 26)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-K3-1017 (28 29 30 31 32 33 34 35 36 37)

DRILLERS IDENTIFICATION NO. 217

8-13

OWNER: Zimmerman (LAST NAME) Carl (FIRST NAME)

STREET OR RFD: RT 606 POST OFFICE: Ellicott City Md

## WELL DESCRIPTION

### WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

| DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY) | FEET FROM | FEET TO | CHECK IF WATER BEARING |
|---|---|---|---|
| GRAY SAND STONE | 4 | 125 | |

Well 125 ft

### GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX): YES (Y) (44) NO (N) (44)

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
CEMENT (C M) (45 46) BENTONITE CLAY (B C) (45 46)

NO. OF BAGS: 4 NO. OF POUNDS: 376

GALLONS OF WATER: 24

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
FROM 0 FT. (48 52) TO 20 FT. (54 58)
(ENTER 0 IF FROM SURFACE)

### CASING RECORD

CASING TYPES — INSERT APPROPRIATE CODE BELOW:
(S T) STEEL (C O) CONCRETE (P L) PLASTIC (O T) OTHER

| MAIN CASING TYPE | NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) | TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) |
|---|---|---|
| S T (60 61) | 6 (63 64) | 22 (66 70) |

### OTHER CASING (IF USED)

EACH CASING

| | DIAMETER (INCH) | DEPTH (FEET) FROM | TO |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

### SCREEN RECORD

SCREEN TYPE OR OPEN HOLE — INSERT APPROPRIATE CODE BELOW:
(S T) STEEL (B R) BRASS OR BRONZE (H O) OPEN HOLE (P L) PLASTIC (O T) OTHER

C 2 (1 2 3 (SEQ. NO.) 6)

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN

| | | FROM | TO |
|---|---|---|---|
| 1 | H O (8 9) | 22 (11 15) | 125 (17 21) |
| 2 | (23 24) | (26 30) | (32 36) |
| 3 | (38 39) | (41 45) | (47 51) |

SLOT SIZE 1. ____ 2. ____ 3. ____

DIAMETER OF SCREEN ____ (56 60) (NEAREST INCH)

GRAVEL PACK: FROM ____ TO ____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX - 68 (F)

### 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 (PLEASE PRINT) C. A. CROMWELL & Son

SIGNATURE C A Cromwell & Son

### WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (70) TELESCOPE CASING | (E.R.O.S.) (72) LOG INDICATOR | W Q (74 75 76) OTHER DATA AVAILABLE

C 3 (1 2 3 (SEQ. NO.) 6)

### PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR): 2 (8 9)

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON): 8 (11 15)

METHOD USED TO MEASURE PUMPING RATE: ROTARY

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
BEFORE PUMPING: 25 (17 20) (NEAREST FOOT)
WHEN PUMPING: 120 (22 25) (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
(A) AIR (27) (P) PISTON (27) (T) TURBINE (27)
(C) CENTRIFUGAL (27) (R) ROTARY (27) (O) OTHER (DESCRIBE BELOW) (27)
(J) JET (27) (S) SUBMERSIBLE (27)

### PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) ( ) (29)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX): YES (Y) NO (N)

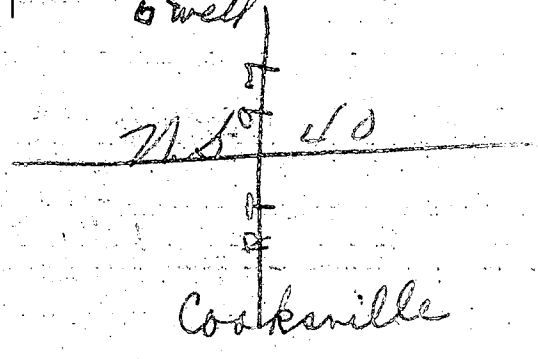
CAPACITY:
GALLONS PER MINUTE (TO NEAREST GALLON) (31 35)
PUMP HORSE POWER (37 41)
PUMP COLUMN LENGTH (NEAREST FOOT) (43 47)

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

(+) ABOVE / (-) BELOW LAND SURFACE: 1 (49 50 51) (NEAREST FOOT)

### LOCATION OF WELL ON LOT

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




HEALTH