

6/27/78
7/5/78

Approved
7/5/78

04-337247

6/27/78 P.C.O
C.B.J.

PERMIT

P 28227
A 24825

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLCOTT CITY

INDEXED

DISTRICT 4th

DATE 6/20/78

Hy and Lowe IS PERMITTED TO INSTALL ALTER

ADDRESS 7000 Warfield Road, Gaithersburg, Md. 20760 PHONE 253-2663 or 926-5924

SUBDIVISION 1096 ROAD 1096 Long Corner Road LOT _____

PROPERTY OWNER Jack Marken

ADDRESS 16120 Kent Road, Laurel, Md. 20810 Phone: 776-5928

SPECIFICATIONS 4 bedrooms

2F9

SEPTIC TANK CAPACITY 1250 GALLONS

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

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 200 SQ. FT. absorbent sidewall area per bedroom below inlet.

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 5 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 95 FT. FROM left LOT LINE AND 258 FT. FROM front LOT LINE AS SEEN WHEN FACING LOT FROM Long Corner Road.

If trench is needed leave 5 ft. earth buffer between dry well and trench and run the necessary distance to obtain required sidewall area. Trench must follow the contour of the land. Inlet to trench to be 4 ft. below original grade and maximum depth 11 ft. below original grade. Effective depth for trench and dry well does not begin until 5 ft. below original grade.

PLANS APPROVED BY Charles B. Streaker DATE 5/4/77

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.

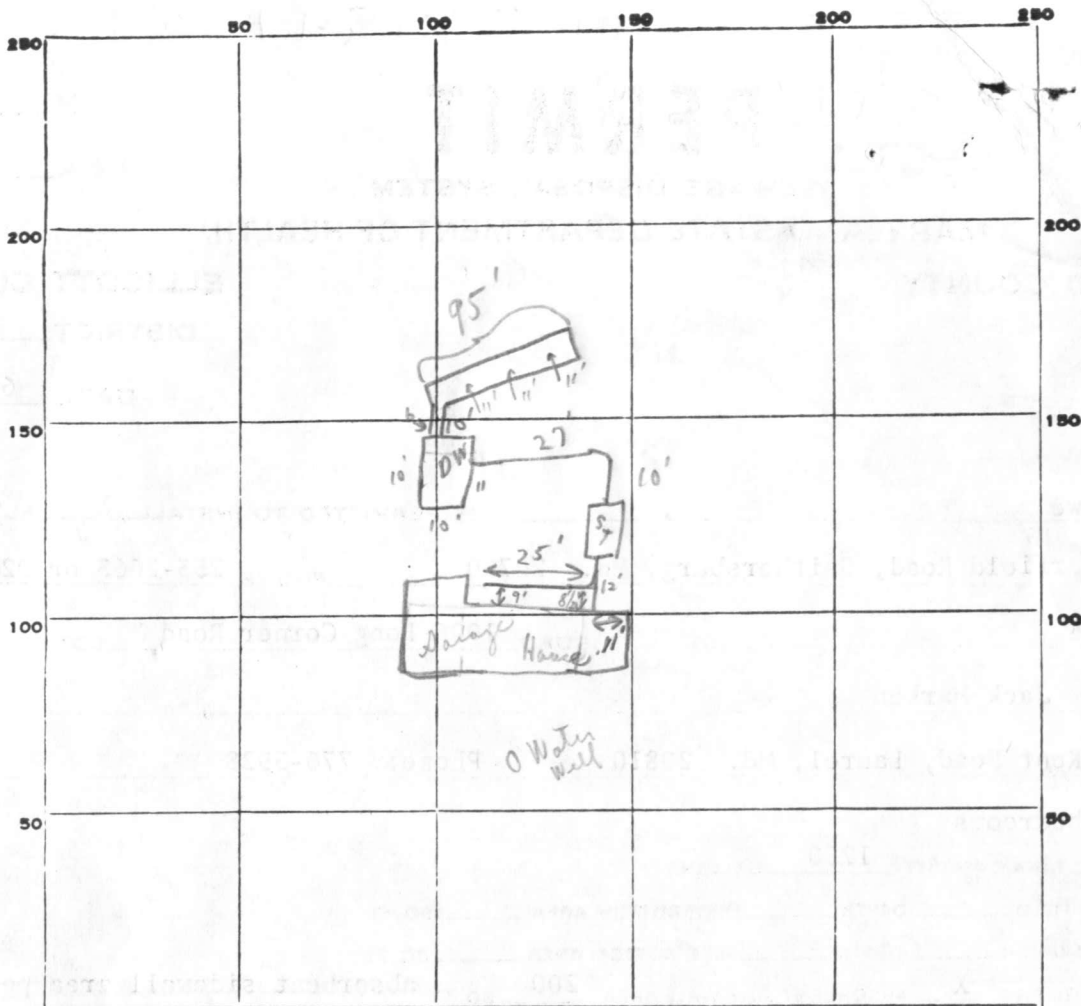
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 TERRAZO ACCEPTED.

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

A 24825



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD Long Corner Rd.
 SEPTIC TANK, LEVEL ok CLEANOUTS S.T. / D.W.
 DISTRIBUTION BOX, LEVEL N/A
 TILE FIELD, DEPTH 11 FT. TRENCH WIDTH 10 FT.
 GRAVEL DEPTH (7) 6 ft' IN. TOTAL LENGTH 95 FT. (1) 570
 NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA - 246
 SEEPAGE PITS, INSIDE DIAMETER 41 FT. DEPTH BELOW INLET (7) 6' FT. (1) 287
 ABSORBENT AREA 816 ± SQ. FT.

REMARKS 6/27/78^U No^a cement around pipes at S. Tank; no house connection near garage; ok for rest of stones in trench; partial only.

5 July 78 - Cover all work GLK

DATE SYSTEM APPROVED 7/5/78 INSPECTOR G. Keller

APPLICATION

6/24/77 change 6/23/77 New hole location approved. Hold for possible change in hole location

A. 24825
P. 1000 gallon
DISTRICT 4
DATE 11/26/76

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

Septic Tank { 1-3 Bedrooms
4 Bedrooms

* Dry well to have 200 sq. ft. effective

absorbent sidewall area per bedroom below ~~first~~ 5' of original grade. Located to be 4' below original grade and maximum depth 11' location: 95' from left property line and 10' from front property line when facing lot from Long Corner Rd. * 1/4 in D. Well + trench used need

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 John B. Lyons

ADDRESS 1090 Long Corner Road PHONE 831-7650

PROPERTY LOCATION: 16120 Kent Road, Laurel, Md. 20810
776-5928

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 1096
Corner of Long Corner Road and (Dead end of Florence Road)

SIZE OF LOT 3 Acres New lot behind Lyons existing lot. TYPE BLDG. 1 bedroom

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 John B Lyons 2/9/78
AND RETURNED Serial No. 34211

* APPROVED BY C. D. Stueker FOR Dry well + trench DATE 5/4/77
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for further tests. (2 holes ok)

12/23/76
4/14/77 Hold for certified holes need to show 9 hole locations.
5/2/77 plait appears ok
C.B.S. Need copy of plat

THIS IS NOT A PERMIT

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Use 748
 Inlet
 4' road ground
 5'

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|--------------|---------|-------|----------------|-------|--------------------|
| | | | START | STOP | START | STOP | |
| 4/14/72 | 1 | 11 1/2 - 12' | Visual | | similar to | (7+8) | |
| | 2 | | | | | | |
| | 3 | 4' | 11:00 | 11:00 | 11:00 | 11:00 | (No pipe) |
| | 4 | 12 1/2' | 11:02 | 11:32 | 11:00 | 11:00 | |
| | 5 | Rock | X | X | X | X | 11' similar to 3+4 |
| | 6 | | | | | | |
| | 7 | 5' | 12:38 | 12:57 | 12:51 | 1:15 | 24m |
| | 8 | 11' | 1:55 | 1:57 | 1:57 | 2:04 | 7 |
| | 9 | 4' | 1:25 | 1:32 | 1:32 | 1:50 | 18m |
| | 10 | 12 1/2' | 1:36 | 1:42 | 1:42 | 2:03 | 31m |

Soil Profile
 Loam
 Weathered shale

Use →

11:31 pulled
 11:30
 11:30
 11:30

REMARKS

(1 Hole dug while sanitation system)
 Tests in woods - certify holes

TYPE OF SOIL

(Loam + weathered shale below clay)

TESTED BY

C. Bod

ALSO PRESENT:

{Lenders + owner}
 present

19 m

APPLICATION

A 24825

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

DISTRICT 4

DATE 11/26/76

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 John B. Lyons

ADDRESS 1090 Long Corner Road PHONE 831-7650

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Corner of Long Corner Road and (Dead end of Florence Road)

SIZE OF LOT 3 Acres TYPE BLDG. 4 bedroom
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/

APPROVED BY _____ FOR _____ DATE _____
(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



Log of Corer - Rd

Soil Profile
below
clay
(weathered
shale)

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|----------|---------------|---------|---------|------|----------------|------|---------------------------------|
| | | | START | STOP | START | STOP | |
| 12/23/76 | ① | 4' | 2:47 | 3:07 | 3:07 | | Pulled key at 3:30 1/4" |
| | ② | 12 1/2' | 2:48 | 2:54 | 2:54 | 3:23 | 29 m |
| | ③ A | 4 1/2' | 2:51 | | | | Pulled key 312 1/4" same Lower! |
| | 4 | 11 1/2' | 2:49 | 2:53 | 2:53 | 3:02 | 9 m |
| | ⑤ | 11 1/2' | 3:04 | 3:31 | 3:31 | | Base rock? |
| | ⑥ | 4' | 3:05 | 3:18 | 3:18 | | peck 1/2" |
| | 7 | 11' | | | | | similar to that test |
| | 3B | 5' | 3:26 | 3:32 | 3:32 | 4:01 | 29 m |
| | 1B | 5 1/2' | 3:37 | 3:42 | 3:42 | 3:50 | 8 m |
| | See next page | | | | | | |

37
38
4/7/75
4/14/77
19 m

REMARKS Wooded lot 3 holes (L) similar elevations

TYPE OF SOIL _____

TESTED BY C. B. D. ALSO PRESENT: Puggin Henderson's Men

APPLICATION

A. A 26131

SEWAGE DISPOSAL TESTING

P. _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT ✓ 4th

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE ✓ 6-14-77

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 ✓ JOHN B LYONS (Contract Purchaser - Jack M. Marker - 16120 Kent Road

ADDRESS ✓ 1090 LONG CORNER RD PHONE ✓ 831-7650

Laurel, Md. 20810

PROPERTY LOCATION:

SUBDIVISION ✓ CHESHUT HILLS PARCEL 168 LOT NO. ✓ 2

ROAD AND DESCRIPTION ✓ TAKE INTERSTATE 70 TO 94, FROM RT. 94 TURN RIGHT ONTO RT. 144 TO LONG CORNER RD, TURN LEFT ONTO LONG CORNER RD.

SIZE OF LOT ✓ 2 1/2 ACRES TYPE BLDG. ✓ 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 John B Lyons

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

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6/24/77 Hold for house plans
& new perc area designation.
C.B.D.

THIS IS NOT A PERMIT

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

See plot of certified holes

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Soil Profile

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME | |
|---------|----------|-------|------------------|------|----------------|------|-----------------|--|
| | | | START | STOP | START | STOP | | |
| 6/23/90 | 1 | 4' S | 3:06 | 3:25 | 3:25 | 3:30 | stopped packing | |
| | 2 | 11' D | 3:00 | 3:00 | 3:00 | 3:00 | | |
| | 3A | 5' | 4:04 | 4:20 | 3/4" | : | | |
| | 4 | 11' | Similar to shelf | | | | | |
| | 3B | 6' ↓ | 4:26 | 4:35 | 4:35 | 5:04 | 29m | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Weathered shale (below)

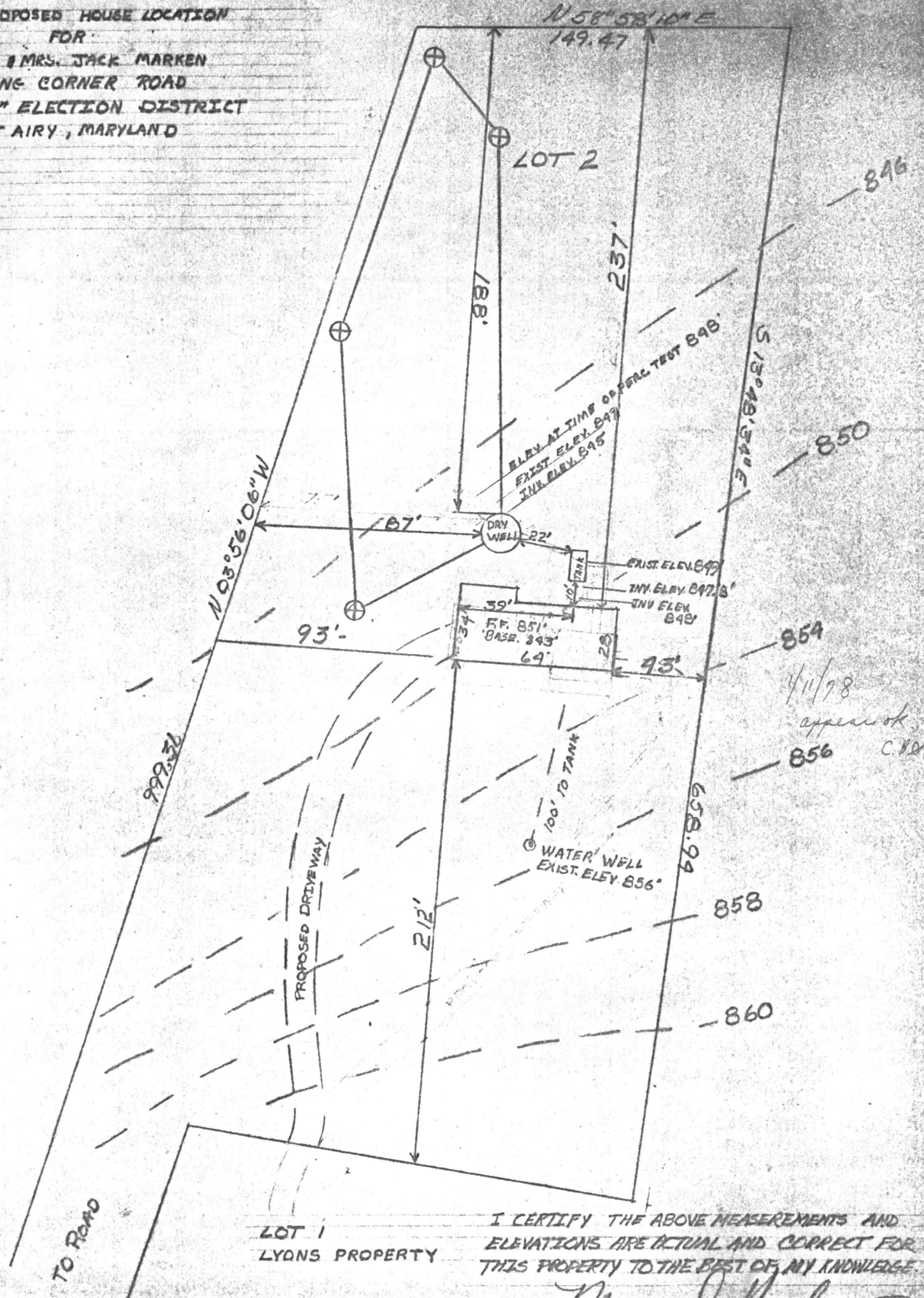
REMARKS _____

TYPE OF SOIL _____

TESTED BY C.B.S.

ALSO PRESENT: headman
Future owner

PROPOSED HOUSE LOCATION
 FOR
 MR & MRS. JACK MARKEN
 LONG CORNER ROAD
 4TH ELECTION DISTRICT
 MT AIRY, MARYLAND



LOT 1
 LYONS PROPERTY

I CERTIFY THE ABOVE MEASUREMENTS AND
 ELEVATIONS ARE ACTUAL AND CORRECT FOR
 THIS PROPERTY TO THE BEST OF MY KNOWLEDGE.

Mary D. Hurdley

4/11/78
 approved
 856 C. 10

S 13° 48' 34" E

20' BRL

478.00

658.94

N 68° 58' 10" E
149.47

A. M. Stone
148/237
P. 32

5

LOT 2
2.569 Ac.

Sewage Disposal Area

50' BRL

20' BRL

9.750

2 | E 10.000

⊙ Perc Holes, Field Located



Private Sewer Easement of approx.
10,000 Sq. Ft. as req'd. by the Md.
St. Dept. of Health for individual

N 03° 53' 06" W

955.43

N 78° 13' 24" E
176.89

20' BRL

75' BRL

50' BRL

APPROVED: For Private Water and Private Sewerage Systems, Howard County Health Department

John B. Lyons
County Health Officer
Date 6-1-77

APPROVED: Howard County Office of Planning and Zoning

Howard County
Director
Date

APPROVED: For Storm Drainage Systems and Public Roads, Howard County Department of Public Works

OWNER'S DEDICATION

I, (we) John B. & Kathleen M. Lyons, owner(s) of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this plat by the Office of Planning and Zoning establish the minimum building restriction lines, and grant unto Howard County its successors and assigns, (1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and under all roads and street right of ways and the specific easement areas shown hereon, (2) dedicate to public use the beds of the streets and or roads and floodplains and open space where applicable, and for One Dollar consideration, hereby grant the right and option to Howard County, Md., to acquire the fee simple title to the beds of the streets and or roads and floodplains and open space where applicable, (3) that no building or similar structure of any kind shall be erected on or over the said easements and rights of way, and (4) it is further agreed that maintenance of all waterways, drainage easements and or floodplains shown hereon are the responsibility of the property owner, its successors or assigns.

Witness my (our) hand(s) this 24 day of June, 19 77

C 1 9288 (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) 2/12/78
 DATE WELL COMPLETED 2/12/78
 DEPTH OF WELL 365 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-2963
 DRILLERS IDENTIFICATION NO. 42

OWNER: GUE, IRVING (LAST NAME, FIRST NAME)
 STREET OR RFD: 9-N Summit Ave. POST OFFICE: GAITHERSBURG, MD. 20760

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 | 3 | |
| SHALEY | 3 | 15 | |
| SHALE | 15 | 30 | |
| SAND | 30 | 35 | |
| SHALE | 35 | 50 | |
| Brown slate | 50 | 120 | |
| GRAY slate | 120 | 200 | |
| Blue slate | 200 | 365 | |

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

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

NO. OF BAGS 9 NO. OF POUNDS 900
 GALLONS OF WATER 45

DEPTH OF GROUT SEAL (TO NEAREST FOOT): FROM 0 FT. TO 38 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW: STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE: ST 60-61
 NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6
 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 63

OTHER CASING (IF USED)

| EACH CASING | DIAMETER (INCH) | DEPTH (FEET) FROM | TO |
|-------------|-----------------|-------------------|----|
| | | | |
| | | | |

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW: STEEL BRASS OR BRONZE OPEN HOLE PLASTIC OTHER

SCREEN TYPE OR OPEN HOLE

DEPTH (NEAREST WHOLE FOOT) FROM TO

| | | | | | | | |
|---|----|---|---|----|----|----|----|
| 1 | HO | 8 | 9 | 11 | 15 | 17 | 21 |
| 2 | | | | | | | |
| 3 | | | | | | | |

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

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

TELESCOPE CASING 70 LOG INDICATOR 72 OTHER DATA AVAILABLE 74 75 76

C 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 1

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 40 (NEAREST FOOT)

WHEN PUMPING 365 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX): 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) 29

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

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 2 (NEAREST FOOT)

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).

CIRCLE APPROPRIATE BOXES

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

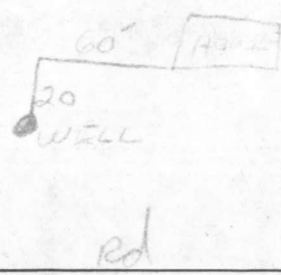
E ELECTRIC LOG OBTAINED

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: L. F. EASTERDAY

SIGNATURE: L. A. Easterday



RECEIVED

MAR 23 9 08 AM '78

HOWARD COUNTY
HEALTH DEPT.
ELLCOTT CITY, MD.

