

Approved 6/15/82  
Stayed P 31976  
A 31105

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

01-194453

ELLICOTT CITY

DISTRICT 1st

DATE June 14, 1982

INDEX

Olen Ketterman IS PERMITTED TO INSTALL  ALTER

ADDRESS 14960 Frederick Road, Woodbine, Md. 21797 PHONE 442-1336

SUBDIVISION ROAD 7055 Montgomery Rd. LOT

PROPERTY OWNER Richard Paul Lanciotti Jr.

ADDRESS 21 Timonium Road

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 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

Deep bed and trench system to contain at least 200 sq. ft. effective sidewall absorption area per bedroom to begin below the first 4 ft. of non-porous soil. Drywell inlet at 4 ft. below original grade. Max. depth of drywell bottom at 10 ft. below original grade. Locate the drywell 64 ft. from the left side line and 40 ft. from the rear lot line as seen when facing the property from Montgomery Rd. Start the trench after a 5 ft. earth buffer with the drywell and proceed to dig it on level ground the necessary distance. Call for inspection of trench before gravel is installed in trench.

PLANS APPROVED BY Frank Skinner DATE 1/25/82

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.

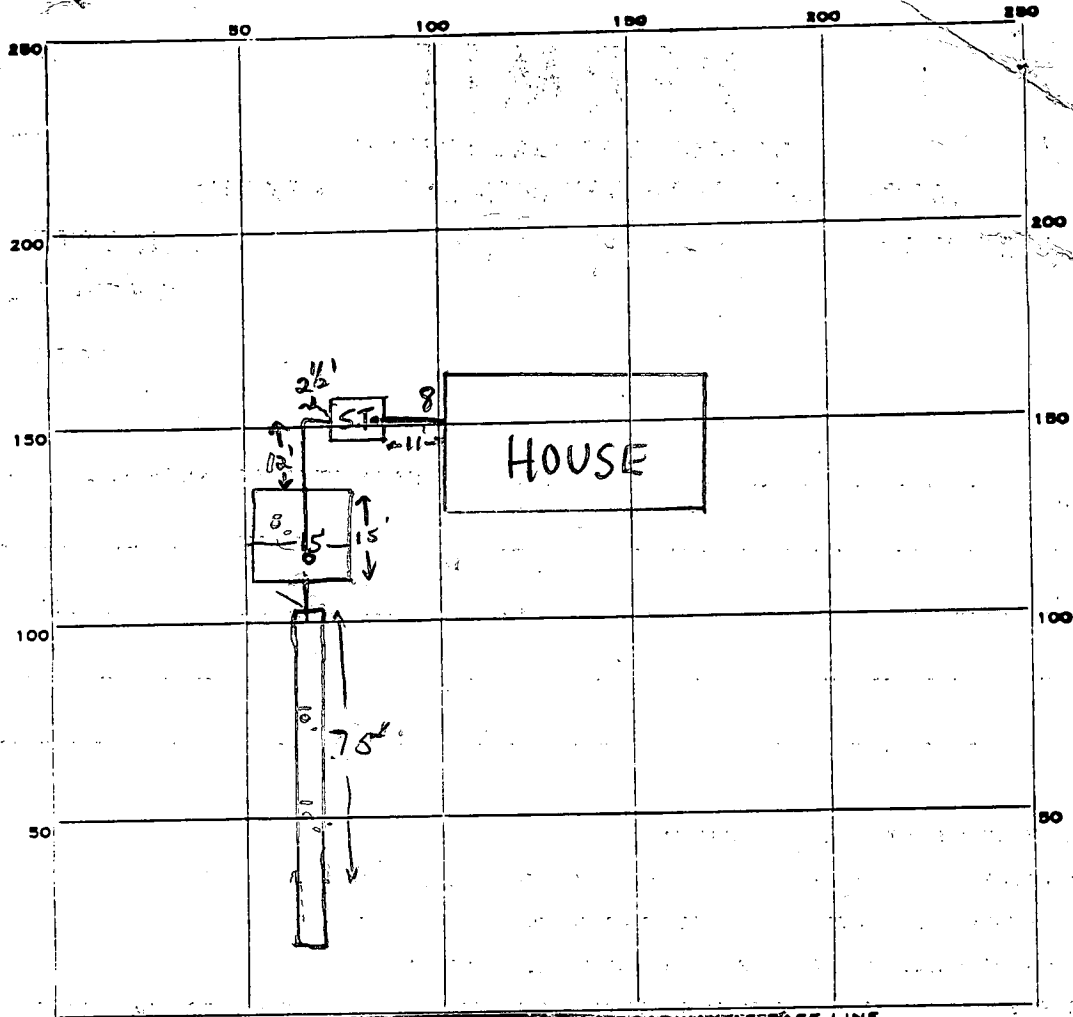
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 TERRAZO ACCEPTED.

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

A 31105



INDICATE NORTH. NAME ADJOINING ROADWAY AS BASE LINE.  
Montgomery Road

PERMIT CARD verbal on to continue F.S.

S.T. | Pit.

SEPTIC TANK, LEVEL ✓ 150 gal.

CLEANOUTS 4" O.K.

DISTRIBUTION BOX, LEVEL n.a.

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

GRAVEL DEPTH 6 FT. TOTAL LENGTH 75 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL TOTAL BOTTOM AREA \_\_\_\_\_

SEWERAGE PITS, INSIDE DIAMETER 15 FT. DEPTH BELOW INLET 6 FT.

PIT ABSORBENT AREA 360 SQ. FT. Total Abs. area \_\_\_\_\_

REMARKS 6/14/82 O.K. to continue trench & install gravel in entire length of trench  
73 linear ft. of trench needed. F.S.

6/15/82 OK to cover all work. f.s.

DATE SYSTEM APPROVED 6/15/82

INSPECTOR Stayer

# APPLICATION

1/22/82  
9:50

A 31105

### SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

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

3 B.R. 100gal. septic tank (with no garbage grinder)  
4 B.R. 1250gal. septic tank (with no garbage grinder)

DISTRICT 1st

DATE 1/19/82

~~Drywell~~ and trench system to contain at least 200 sq. ft. effective sidewall absorption area to begin below the first 4 ft. of non-porous soil. Drywell inlet at 4 ft. below original grade. Maximum depth of drywell bottom at 10 ft. below original grade. Locate the drywell 64 ft. from the left side line and 40 ft. from the rear lot line, as seen when facing the property from Montgomery Road. Start the trench after a 5 ft. earth buffer with the drywell and proceed to dig it on level ground the necessary distance. Call for inspection of trench before gravel is installed in trench. ~~NOTE: Sealed tanks must~~

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

PROPERTY OWNER Garvel Faulkner property (Contract Purchaser - Richard P. Lanciotti 447-1529)

~~Be positioned so that it is possible to service all points on the sewer line by gravity flow at a depth not to exceed 4 ft.~~

ADDRESS 709 Howard Road, Baltimore, Md. 21208

PROPERTY LOCATION: Richard Paul Lanciotti SR (796-4946)

SUBDIVISION Montgomery Manor LOT NO. 10 12

ROAD AND DESCRIPTION 21 Timonium Road  
7065 Montgomery Road - lot to be subdivided - existing house on property

7055 Montgomery Road

SIZE OF LOT 2.906 acres

TYPE BLDG. \_\_\_\_\_

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.

BLDG. PERMIT SIGNED AND RETURNED \_\_\_\_\_

SIGNATURE OF APPLICANT /s/ Olen Ketterman for Richard P. Lanciotti

APPROVED BY F. Shovian FOR Drywell & Trench DATE 1/25/82

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

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

REASONS FOR REJECTION OR HOLDING 1/22/81 for discussion + when/if public sewer available in near future for property.

5/22/81 O. Ketterman to secure repair permit to repair existing house S.S.

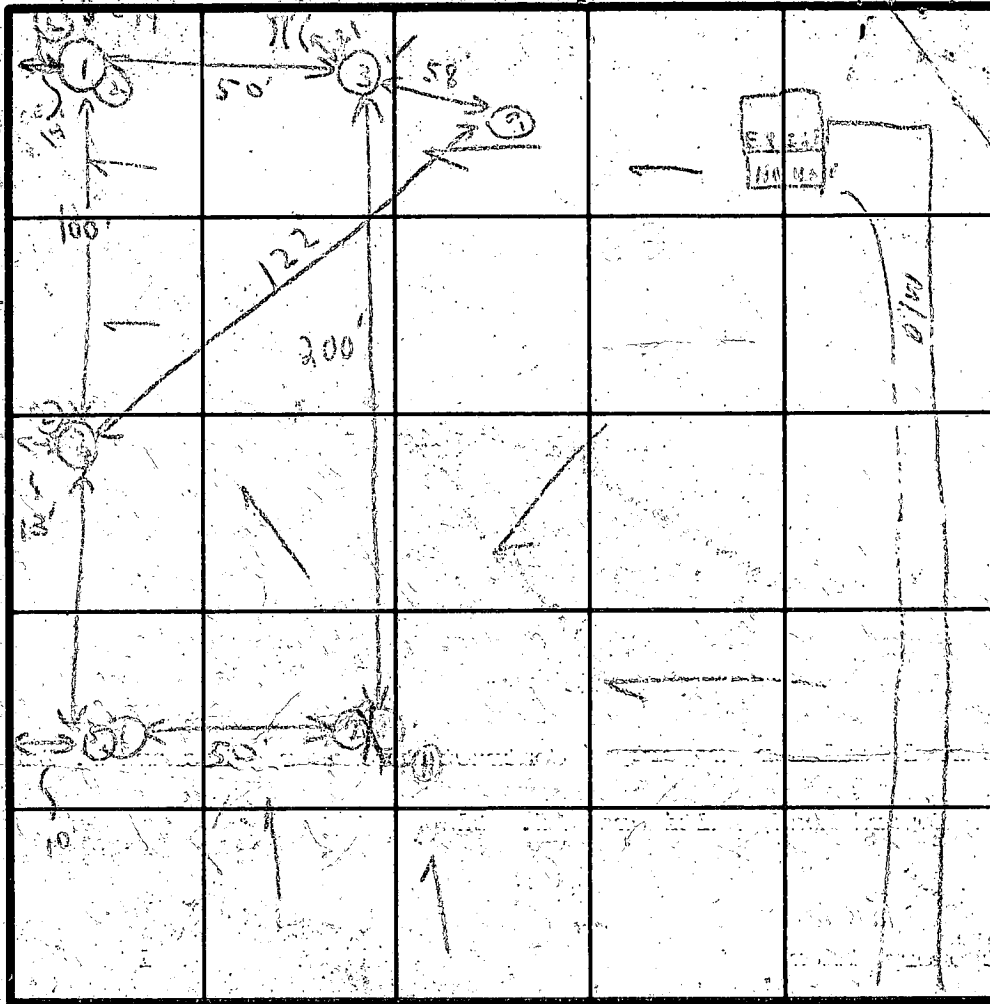
1/25/82 Existing house has been repaired S.S.

# THIS IS NOT A PERMIT

310

SOIL PROFILE

USE  
EACH  
HOLE  
DEPT



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE

100' OF ROADWAY ROAD

GREEN VALLEY

118887 T.C. Ellis, Bonn. X 2070 x Sewer and Water Dept.

4:11 P.M. Rec.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/2/78	(1)	6 1/2'	10:20	10:33	10:33	11:00	22
	(2)	11'	11:47	12:03	12:03	12:29	26
	(3)	7 1/2'	10:55	11:07	11:07	11:15	10
	(4)	13-10'	Various samples		2(10')		
	(5)	5'	11:15	11:17	11:17	11:21	4
	(6)	9'	11:38	X	12:00	12:10	X
	(7)	3 1/2'	11:26				X
	(8)	8'			Water		X
	(9)	8'	11:58	12:13	12:13	12:33	2
	(10)	12'	12:05	12:22	12:22	12:33	XXX

HOLE

REMARKS

TYPE OF SOIL

TESTED BY

C.B. [Signature]

ALSO PRESENT

Montgomery  
B. O. Ketterman  
[Signature]

B. Harrison 992-2411

S-8-6097 Smith Spring 82

Montgomery Ad. Connector

RECORDED

# APPLICATION

A 31105

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

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

DISTRICT 1st

DATE 1/19/81

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 Carvel Faulkner property ( Contract Purchaser - Richard P. Lanciotti

ADDRESS 709 Howard Road, Baltimore, Md. 21208 PHONE \_\_\_\_\_

PROPERTY LOCATION

SUBDIVISION Montgomery Manor LOT NO. 10

ROAD AND DESCRIPTION 7065 Montgomery Road - lot to be subdivided - existing house on property

SIZE OF LOT 2.906 acres TYPE BLDG \_\_\_\_\_

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/ Olen Ketterman for Richard P. Lanciotti

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

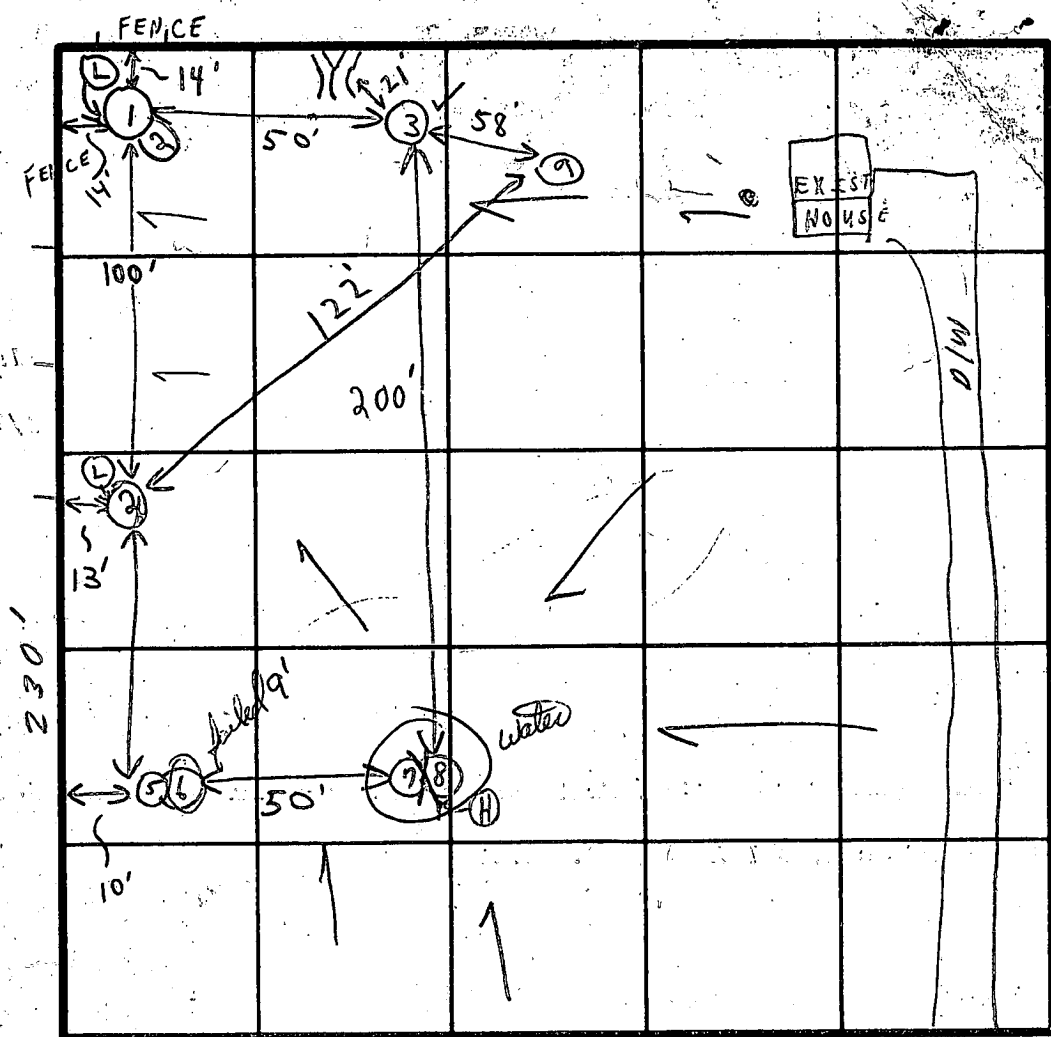
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

*1/24/81 for discussion + when for the public sewer available in near future for property.*

# THIS IS NOT A PERMIT

51  
2 1/2  
#10

SOIL PROFILE  
SEE EACH HOLE BELOW



GREEN VALLEY 73

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
MONTGOMERY ROAD

SOIL PROFILE  
1'-1 1/2' (SANDY LOAM)  
6 1/2' - 14 1/2' (SANDY LOAM)  
1'-4' CLAY  
4'-8 1/2' LOAM  
See 1 + 2  
1'-4 1/2' CLAY + LOAM  
5'-8 1/2' - 9' LOAM  
CLAY TO WATER  
1'-4' clay  
4'-8' LOAM  
WAS SIMILAR TO (3) 2' Hard pan

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/24/21	(1)	6 1/2'	10:20	10:33	10:33	11:00	27 min ✓
	(2)	11'	11:47	12:03	12:03	12:29	26 min ✓
	(3)	4 1/2'	10:56	10:59	10:59	11:08	9 min ✓
		8 1/2'	11:03	11:05	11:05	11:15	10 min ✓
	(4)	13' - 10"	Visual similar to (1+2)				
	(5)	5'	11:13	11:17	11:17	11:21	4 min
	(6)	9'	11:38	X	12:00	1 1/4" moist	X
	(7)	3 1/2'	11:26	11:56	11:56	1 1/8" moist	X
	(8)	8'	11:58	11:59	11:59	12:01	2 min
	(9)	8'	11:58	12:13	12:13	12:23	1/2" - 3/8"
	(10)	7'	12:55	1:02	1:02	1 1/8" No Perci	XXX

HOLD

REMARKS: Tests in open area  
Prior to subdivision of lot area for septic repair of existing house is req'd. S.S.  
TESTED BY: C.B.S.  
ALSO PRESENT: Martiney Wengler, Mr. O. Ketterman, Ms. + J., Mr. Zamiatelli

1" = 40'

# 1-2 Marginal  
at 62' & 11'

# 3 at 42' & 82'

50'

58'

# 9 4' at 8' failed

100'

122'

200'

# 4 Marginal

100'

at 5' failed 9'

50'

Water 8' & failed 3 1/2'

# 5-6

# 7-8

26  
27  
9  
10  
2.6

5 | 98

20 min org

screwed connections; larger valves shall have 125 psig cast-iron body with flange connections. Stems shall be stainless steel or silicone brass. Valves 2-1/2" and larger shall have industrial-type operator with built-in traveling indicator.

L. Modulating three-way valve shall be provided with linear throttling plug such that the total flow through the valve shall be constant regardless of the valve's position. Valves 2" and smaller shall have screwed connections and larger valves shall be flanged. Body pressure rating shall be as follows: 1/2" and 3/4" -- 250 psig; 1" thru 2" -- 300 psig; 2-1/2" thru 4" -- 125 psig; 5" and 6" -- 150 psig. The foregoing rating shall be based upon water temperatures from 35°F. to 240°F. Valve stems shall be silicone brass or stainless steel.

M. Control manufacturer shall be responsible for selection of proper control valves for the project including line size, pressure rating, flow-coefficient, shutoff rating and allowable leakage factor.

N. Valve positioners shall be installed wherever they are called for or shown, whether required for sequence or not, in order that correct valve positioning shall be independent of friction and point pressure factor.

O. Automatic dampers shall be of the modular type constructed of modular sections. Maximum size of any one section shall be 48" x 48". Frame shall be constructed of 3" x 5/8" x 13-gauge galvanized steel channel. Gauge shall be 14-gauge galvanized steel for blades longer than 36", with maximum width of 8". Shafts shall be 1/2" diameter cold-drawn machined steel, with drive shaft extendable of 5". Bearings shall be precision machined oilite bronze sleeve type. The space between the blade ends and the frames shall be sealed by stainless steel spring-loaded side seals. Blade edges shall have closed-cell polyester polyurethane edging. Parallel dampers shall have linear characteristics and the opposed dampers shall have linear characteristics and the opposed dampers shall have equal-percentage characteristics. Two-position dampers shall be parallel and modulating dampers shall be opposed. At a pressure differential of 4" WG, leakage through the closed damper shall not exceed 0.74% of the full flow rate based on 1500 FPM open damper approach velocity. Pressure drop through the open damper at an approach velocity of 1000 FPM shall not exceed 0.15" WG. Closeoff operating torque at a static differential of 4" WG shall not exceed 3.1 lb.-in per square foot of damper.

P. Damper motors shall be piston-type pneumatic motors, capable of modulating automatic dampers in response to a varying air pressure signal from a control device. Actuators shall be capable of being used for either gradual or two-position action. Motors shall be large enough to operate dampers positively, efficiently and smoothly. Note: Where positioners are shown on diagram, they shall be furnished whether required for sequencing or not, in order that correct damper positioning shall be independent of bearing friction or air velocity forces. Where positioners are used, start point adjustment shall be continuously adjustable from 3 to 12 psi

LINE DATA

LINE #	TAN	CHORD	LCB
183.39	9776	17839	N 31° 47' 19" E.
142.67	7557	13075	N 31° 47' 19" E.

490

11 1/2  
6 1/2  
1 5/8

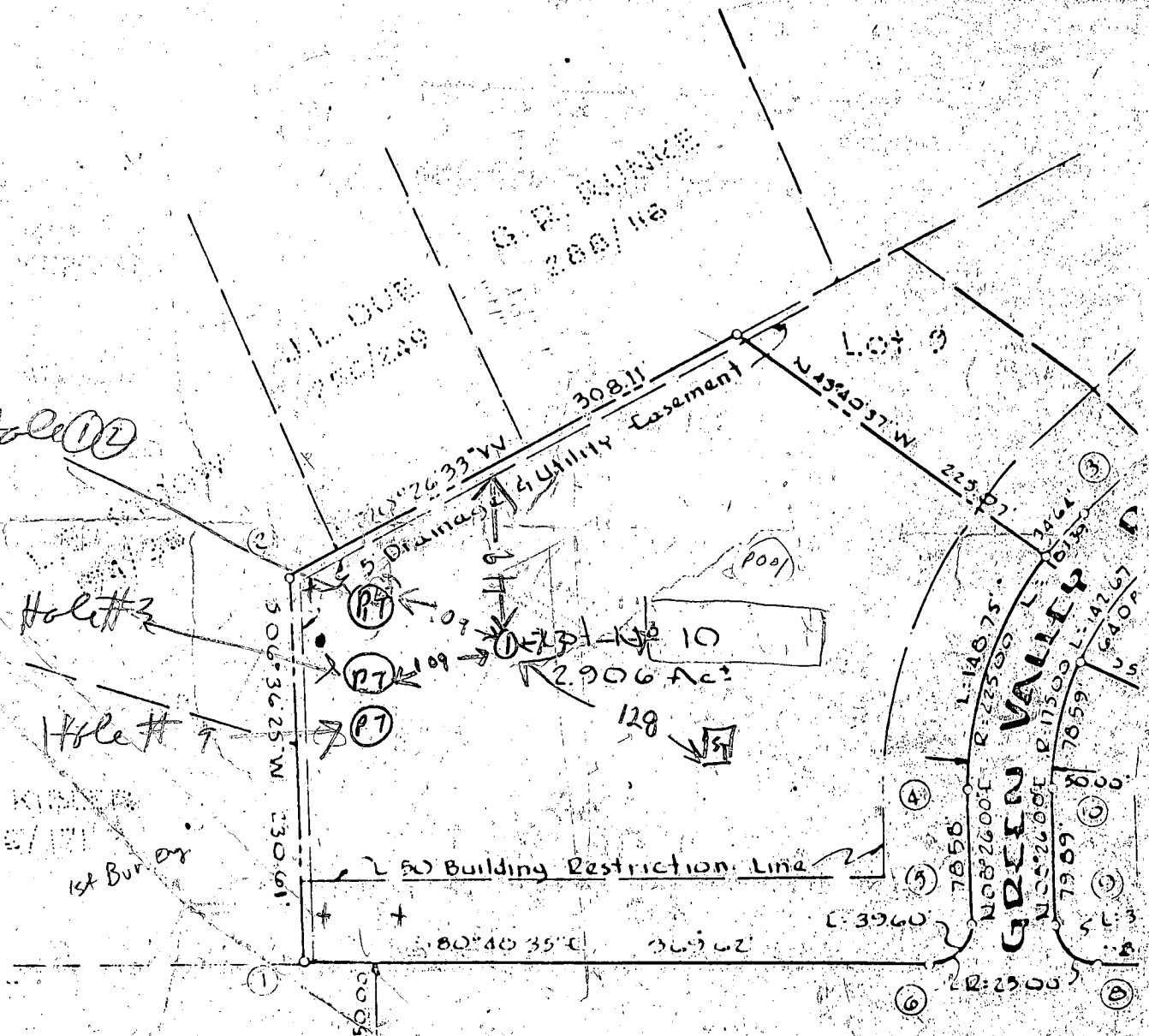
6122

Hole # 12

Hole # 3

Hole # 9

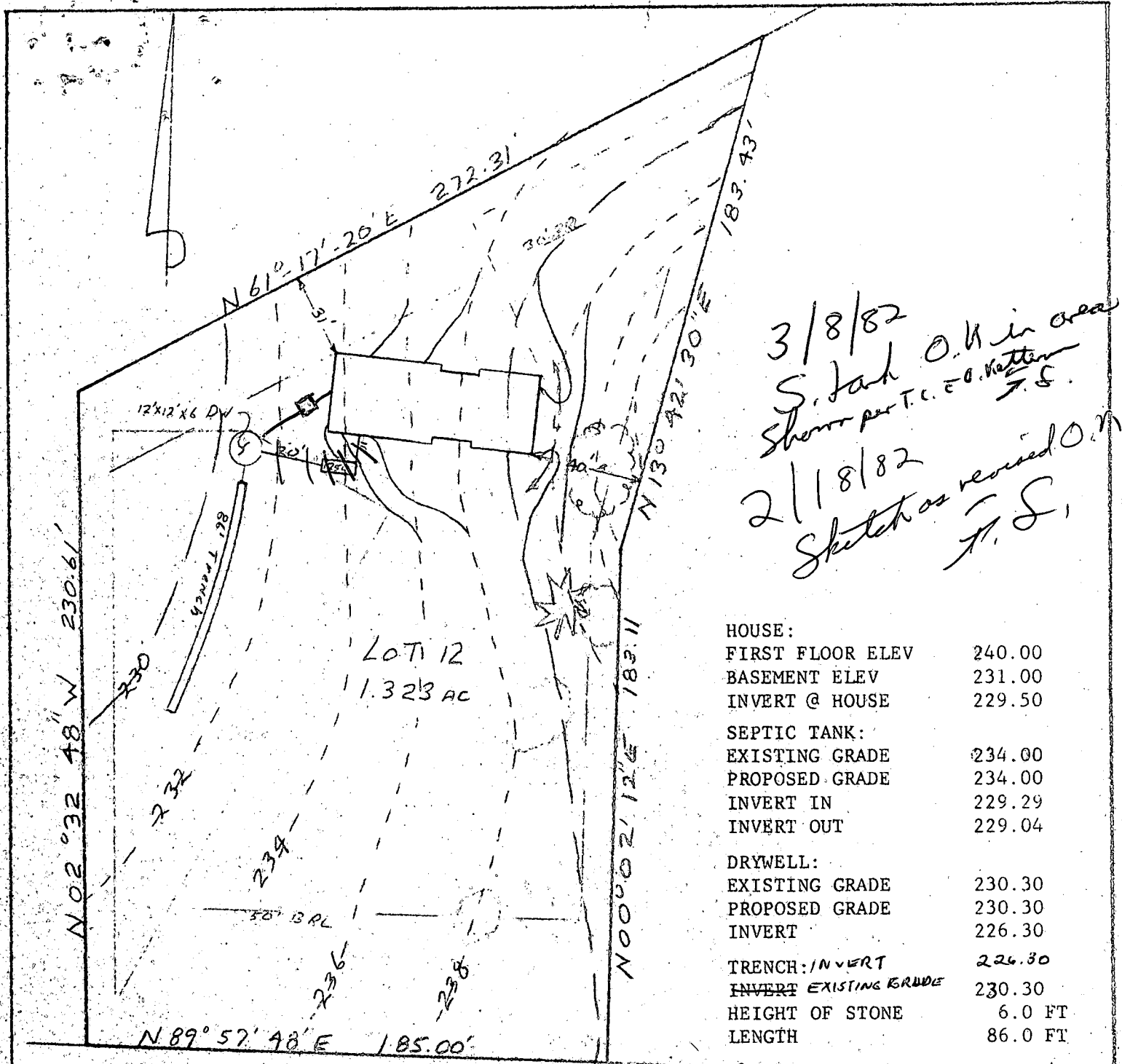
1st Bur. or



70.65 Montgomery Rd.  
Elkridge Md 21227  
CARUEL A. FAULKNER

1/22/81  
9:30 A.M.

Montgomery Manor S/O



3/8/82  
 S. Jahn O.K. in area  
 Show per T.C. E.O. Katten  
 J.S.  
 2/18/82  
 Sketch as revised O.M.  
 J.S.

HOUSE:	
FIRST FLOOR ELEV	240.00
BASEMENT ELEV	231.00
INVERT @ HOUSE	229.50
SEPTIC TANK:	
EXISTING GRADE	234.00
PROPOSED GRADE	234.00
INVERT IN	229.29
INVERT OUT	229.04
DRYWELL:	
EXISTING GRADE	230.30
PROPOSED GRADE	230.30
INVERT	226.30
TRENCH: INVERT	226.30
INVERT EXISTING GRADE	230.30
HEIGHT OF STONE	6.0 FT
LENGTH	86.0 FT

Public Water to be used

GRADING STUDY LOT # 12

MONTGOMERY MANOR

1st ELECTION DISTRICT  
 HOWARD COUNTY MARYLAND  
 SCALE 1" = 50'  
 DATE 2-3-82

MONTGOMERY ROAD

I certify the above measurements & elevations are actual and true for this property.

*Carl Hudgins*  
 Carl Hudgins PLS#96

# HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. SOYD, M.D., M.P.H.  
COUNTY HEALTH OFFICER



BUREAU OF ENVIRONMENTAL HEALTH  
TIBER PLACE  
8306B FORREST STREET  
ELLCOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

August 12, 1983

Mr. & Mrs. Richard Paul Lanciotti, Jr.  
7055 Montgomery Road  
Elkridge, Maryland 21227

RE: 7055 Montgomery Road

Dear Mr. and Mrs. Lanciotti:

This is to advise you that the septic system for the above referenced property was inspected and approved on January 15, 1982. This office has granted a variance for the encroachment of the house on part of the private sewage easement.

If you have any questions please call me at 992-2330.

Very truly yours,

Frank A. Skinner, Director  
Water and Sewerage Program

FAS:hs