

6/22/93 AFTER 2

Tax ID - 01-254812

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49312

A 47569

INDEXED

DISTRICT _____

DATE 6/4/93

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-2644~~ 313-2640

DATE SYSTEM APPROVED 6/22/93

INSPECTOR M. Riskio

J. A. Smith & Company IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 5705 Landing Road, Elkridge, Maryland 21227 PHONE 796-7532

SUBDIVISION Lunn Property LOT 2 ROAD 6172 Montgomery Road

PROPERTY OWNER Patricia A. Ryan

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 3 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 4½ feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 140 feet off front property line and 70 feet off right property line (207.46') as seen from Montgomery Road. Run trenches on contour toward the front property line. No trench may exceed 80 feet in length. (Stay 25 feet from center line of swale through this property).

NOTES - Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.
O/K 12/29/92 RH

PLANS APPROVED BY Raymond HODges REVISED DATE 11/24/92

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 6 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**

A
47569

APPLICATION

PERCOLATION TESTING

A 47569
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

REVIEW -
TO BE SEWERED BY PUBLIC WATER,
SEWER NOT AVAILABLE,
FRONT LOT IS SEWERED,
SOIL TYPES ST/CL - ANYTIME, DISTRICT
CW, DATE 10/21/91

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 EDITH JOYCE LOWN Patricia A. Ryan

ADDRESS 6166 MONTGOMERY RD. ELK RIDGE MARYLAND 21227 PHONE 3179-5173

PROSPECTIVE BUYER PATRICIA A. MOORE (DAUGHTER)

ADDRESS 6190 DUCKETTS LANE ELK RIDGE 21227 MARYLAND PHONE 1796-2847

PROPERTY LOCATION: 6166 MONTGOMERY RD. ELK RIDGE, MD. 21227
(S. SIDE OF MONTGOMERY RD)

SUBDIVISION PROPERTY ABUTTS MARSHALEE ESTATES LOT NO. 2

ROAD AND DESCRIPTION (6172 Montgomery Rd)

TAX MAP 37 PARCEL # 210

SIZE OF LOT Approx 1 acre TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Edith Joyce Lown
(SIGNATURE OF APPLICANT)

APPROVED BY RP FOR Shallow System Only DATE 3-8-92
Bottom @ 4ft

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 11/24/92
Serial # 96255-SFD

THIS IS NOT A PERMIT

4/7/91
10:00

HD-216

APPLICATION

PERCOLATION TESTING

A 47569 (pg 2)

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE 10/21/91

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 Edith Joycelann

ADDRESS 6166 Montgomery Rd Elkridge, Md 21229 PHONE _____

PROSPECTIVE BUYER Patricia A Moore

ADDRESS (daughter) PHONE _____

PROPERTY LOCATION:

SUBDIVISION property abatts Marshalee Estates LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP 39 PARCEL # 210

SIZE OF LOT _____ TYPE BLDG _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

Hole F

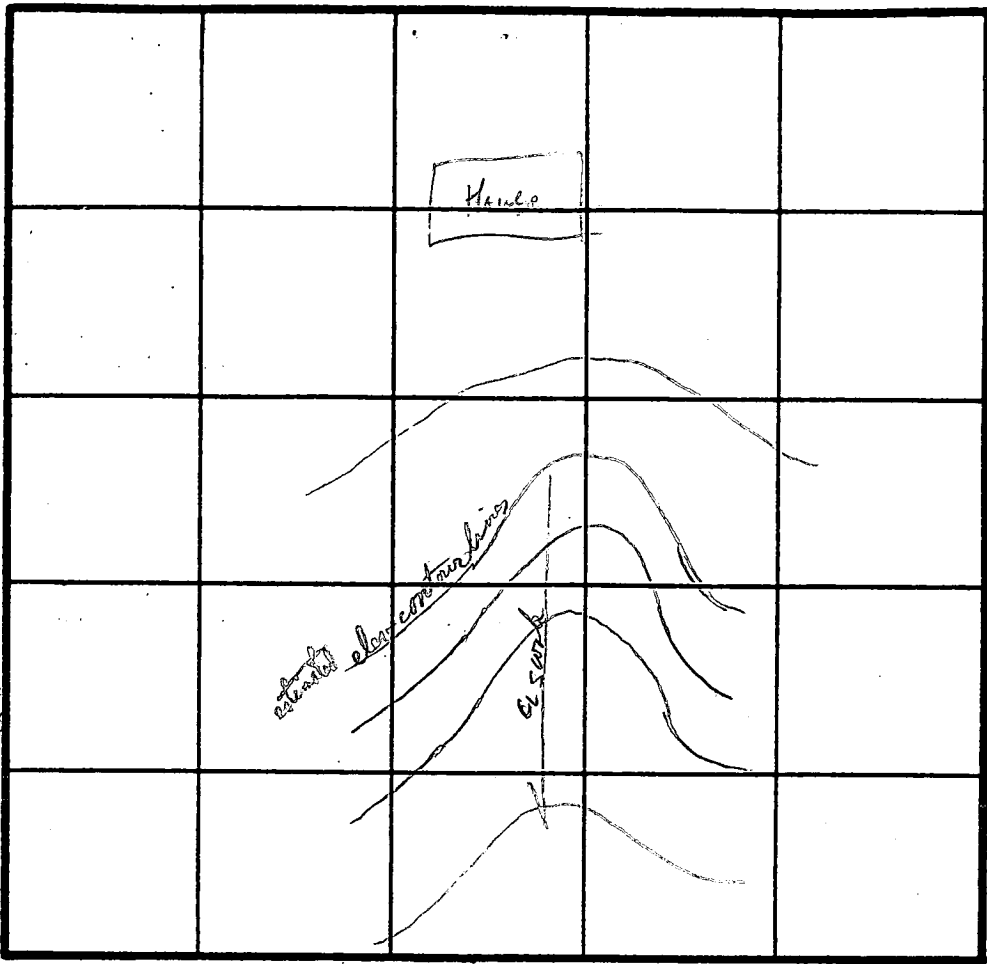
SOIL PROFILE

0' Ben + Red Blm
HSL-LL

3' Mix cream
Sands
≤ 5% gravel

9 1/2' Orange (7.7% R 4%)
MIX 223a (2.5% R 6%) Red Blm
+ C2-3d (7.5% R 7%) 7/2

10 1/2' Blue SL



Hole G damped excess
water in @ 12' depth
drained away in 5 minutes

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/8/91	F	10 1/2 V	View only		Sandy to 9 1/2 ft deep		

REMARKS _____

TYPE OF SOIL Sandy silts

TESTED BY RIP ALSO PRESENT _____

SOIL DESCRIPTION

NAME 6166 Montgomery Rd Joyce Lush COUNTY Howard FILE NO A 47569
 SOIL MAP UNIT Chillico Sil loam MAP SYMBOL CoCa DATE 11-7-91
 GEOLOGIC MATERIAL NA (gravelly sand alluvium) ELEVATION _____ GRID NO _____ E
 NO. D DESCRIBED BY R. S. Pinkley _____ N

Horizon	Depth in.	Color		Texture	Structure		% Rock Fragments	Notes (Moisture, Density, Biopores, Seepage)
		Matrix	Mottles		Grade	Type		
	0-8"	10YR 7/3	—	SIL	3cF	Sbk	5% ^{washed} gravel (1/2" max)	Moist mfi - mPr (about 24% clay) sandy, graded smooth
	8"-12"	10YR 7/3	8F2.5YR 4/8 C1F2.5YR 5/6	SIL	2F	Sbk	<5% gravel	Moist about 23% clay, slightly gritty feel begins sandy, graded smooth
	12"-30"	10YR 7/4	F3d 5YR 4/6 E1F 10YR 5/3 @ lower boundary	SIL	2m	Sbk	<5% gr	U. Moist 1 in clay films Cup. biopores sandy, clean - smooth sl. stick infr - mfi
	30"-6'	10YR 7/8	m2d 5YR 4/6 C1F 10YR 5/2 5/3	FSIL-L	1m	Sbk	<5% gr	Moist
	6'-8 1/2'	7.5YR 7/2	C2P 2.5YR 4/6	LS	—	Massive	15-20% sand/gravel	sl. Moist cemented Brittle, fragile Breaks to coarse 6" diam block 1 in clay film on block faces mfi
	8 1/2'-10 1/2'	white to cream		ys	—	Massive	20% gravel	Dry
	10 1/2'-11 1/2'	7.5YR 6/6		gc LS	—	Massive	60% gravel	SL Moist

LANDSCAPE

Position
 Summit _____
 Shoulder
 Sideslope _____
 Footslope _____
 Depression
 Upland
 Terrace _____
 Floodplain _____
 Slope
 Percent 8%
 Shape _____

SOIL DRAINAGE CLASS

ED _____ MWD PD _____
 WD _____ SPD VPD _____

WATER TABLE

Macrocortech

LIMITING ZONE

slow permeability 6ft

SOIL CLASSIFICATION

Chillico Sil loam

Note SDA is 15-20ft elevation below roadway where public sewer main exists

APPLICATION

Additional Testing
(continued)
47569

PERCOLATION TESTING

A 47569
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE 2-11-92

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 Edith Joyce Lunn

ADDRESS 6166 Montgomery Rd Elkridge PHONE 399-5173

PROSPECTIVE BUYER Patricia A Moore (Daughter)

ADDRESS 6190 Duckett's Lane Elkridge, MD 21227 PHONE 796-2847

PROPERTY LOCATION: 6166 Montgomery Rd

SUBDIVISION property abatts Marshall Lee Estates LOT NO. 2

ROAD AND DESCRIPTION _____

TAX MAP 37 PARCEL # 210

SIZE OF LOT Approx 1 Acre TYPE BLDG _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

E.J. Lunn (see original)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

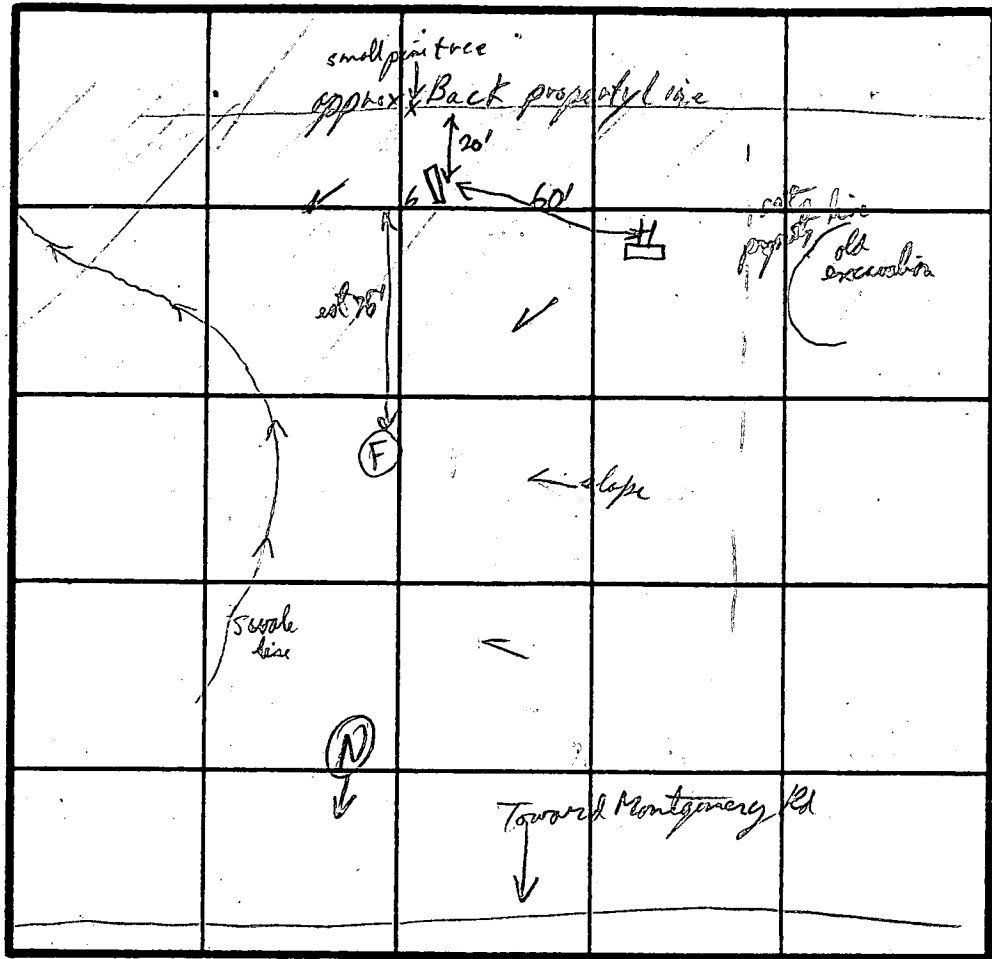
THIS IS NOT A PERMIT

Sil could be v.f. - ext HSL

Hole 6

SOIL PROFILE

0	Yel Brn (00YR 5/2)
1 1/2	Silt loam
	Red Brn (5YR 5/2)
3'	A Sil 2P - m Sil
4 1/2	Red-Red Brn co-incl Sil-Sil Fair granular
8'	Tan somewhat gravelly LS - Sand sl moist
	White Fine Sand dry



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
2-11-92	G	@ 4'	10:33:40	10:45:42	10:45:42	10:56:50	11 min
	H	@ 7' ✓	11: Main Ret 11:28:30	11 11:39:30	10: 29:04 11:39:50	11:30:28 11:42:40	3 min ← Thong US
	see detailed Reser. H	@ 4'	10:52:40	10:57:10	10:57:10	11:05:40	8 1/2 min
		@ 7'	10:50:40 ret 10:55:30	10:51:10	10:51:10	10:51:41	31 sec ← in tan gravelly sand course
		@ 10 1/2'	11:09:00	11:14:30	+ 5' blowing 3-4" rain in 5 1/2 min	5 1/2 min	22 min ← Fine white sands

REMARKS Keep Trenches Shallow ~ 3ft to bottom of Trench (4ft max)

TYPE OF SOIL Sassafras gravelly loam - sandy loam SFCe

TESTED BY R.J. Pinkley ALSO PRESENT Charley of Jimmie's Bar

SOIL DESCRIPTION

NAME Cunn Behind 6166 Montgomery Rd COUNTY Howard FILE NO A 47569 (cont)
 SOIL MAP UNIT Sassafras gravelly loam MAP SYMBOL Sfca DATE 2-11-92
 GEOLOGIC MATERIAL _____ ELEVATION _____ GRID NO _____ E
 NO. H DESCRIBED BY [Signature] _____ N

Horizon	Depth in.	Color		Texture	Structure		% Rock Fragments	Notes (Moisture, Density, Biopores, Seepage)
		Matrix	Mottles		Grade	Type		
	1-0	Dark Brn		Loos-organic leaf mold				Moist m.f-m roots
	0-4	10YR 6/3		SIL	2f	Sbk		Moist m.f-m roots
	4-12"	red Brn 10YR 6/3	C-2d 10YR 4/3 in channels + pits	SIL	2f	Sbk		Moist m.f roots m.f-m roots
	12"-30"	7.5-5YR 7/6 Stg Brn	P18 10YR 6/3 gr. gr. tan	LSIL	3-2 f-m	Sbk		Moist denser m.f
	30"-48"	dark reddish 2.5YR 3/6		LSL-LS	to weak	Massive Sbk		Moist-wet Few m roots Loose
	48"-54"	clay 10YR 7/4 at sand-tan	reddish B1F 2.5YR 3/6 clay 7.5YR 6/8 red yellow-orange	SIL		Massive		dense SL Moist-dry plus a few pockets of m.f.m of 10YR 7/2 Sand brittle discontinuous horizon - only in patches
7'	4 1/2' - 7'	clay 2.5YR 3/6		vg co LS-SL		single	50-60% round pits gravel	SL Moist Loose Few m roots
7'	7-9	Mix white tan orange		m Sand		single		SL Moist Loose
12'	9-12'	white to cream		m.f Sand		single		almost dry Brittle cemented - to loose

LANDSCAPE 2nd Hill 3rd Hill in ten 9 Sands (20-30% gravel)
 Position 11:28:04 - 11:30:28
at 11:38:40 - 11:39:50
 Summit 1st Depression _____
 Shoulder _____ Upland _____
 Sideslope _____ Terrace _____
 Footslope _____ Floodplain _____

SOIL DRAINAGE CLASS
 ED _____ MWD _____ PD _____
 WD _____ SPD _____ VPD _____

LIMITING ZONE

WATER TABLE

SOIL CLASSIFICATION

Hole 6 - same upper horizon as H but No



DEPARTMENT OF PUBLIC WORKS

James M. Irvin, Director

October 9, 1991

Ms. Joyce Lunn
6166 Montgomery Road
Elkridge, Maryland 21227

Subject: Sewer availability
6166 Montgomery Road
Tax Map 37, Block 4
Parcel 210

Dear Ms. Lunn:

Please be advised that the existing house on Parcel 210 known as 6166 Montgomery Road can be served by public sewer. The new proposed lot 2, which is behind 6166 Montgomery Road on Parcel 210, cannot be served by public sewer from contract# 10-1602, drawing 4, existing in Montgomery Road due to the elevations of the proposed lot 2 that falls off in the direction of Bellanca Drive.

To be served from the existing sewer mains in Bellanca Drive contract #657-S, drawing 5, the owner would need to acquire right-of-way from other property owners as the parcel does not front Bellanca Drive.

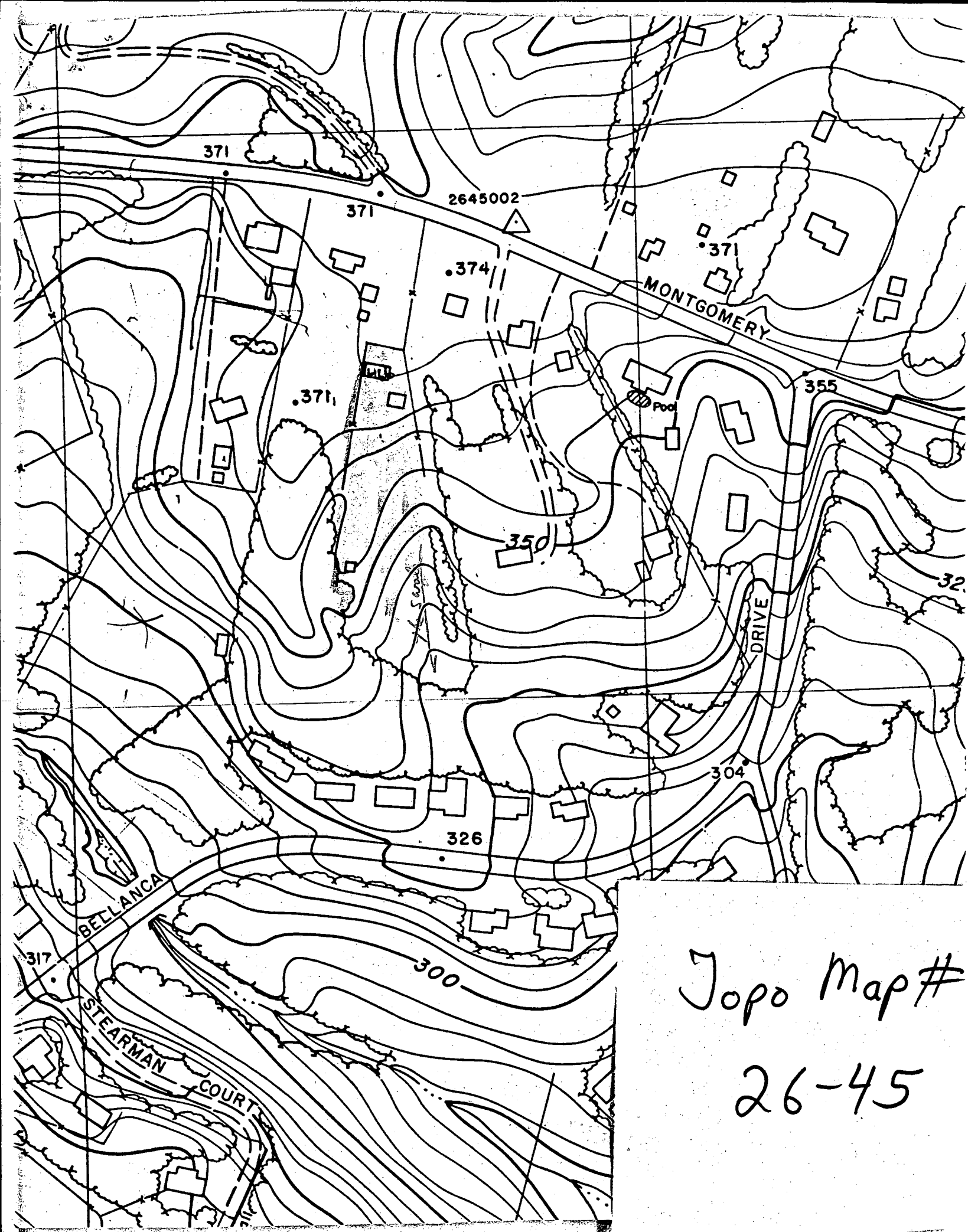
If you should have any additional questions concerning the above, please feel free to contact this office at 313-2411.

Very truly yours,

Jean Reed
Jean Reed
Land Development Division
Bureau of Engineering

JR/ng

cc: Craig Williams ✓
Reading file
file



Jopo Map#
26-45

September 6, 1991

Dear Mrs. Keel,

This letter is a follow-up to our phone conversation on Thursday, ^{SEP 5, 1991} in regards to Lunn property at 6166 Montgomery Rd.

RECEIVED

LAND DEVELOPMENT SERVICES DIVISION

As I told you, I want to give the back piece of property to my daughter so she can build a house, and it is not sensible for a sewer connection.

Would you please send a letter to Environmental Health to verify that a sewer connection is not feasible for this back lot? (proposed Lot 2 at this address) I talked with Mr. Craig Williams.

I am also enclosing a SSAE and if you would be so kind as to send me a copy of same, I'd appreciate it.

Sincerely,

Joyce Lunn

6166 Montgomery Road
Elkridge, Md.
21227

RECEIVED

SEP 10 1991

DEVELOPMENT SERVICES DIVISION

399-5173

Howard County Health Department

To: 11/12/91

MS LUNN REPORTED
SHE WAS UNSUCCESSFUL
IN OBTAINING AN
EMBRYO THROUGH
MARSHALLS ESTATES,
I ASKED THAT SHE MAKE
THAT COMMENT IN
WRITING.

From: Craig W.

Date: 11/12/91

HD-170



DEPARTMENT OF PUBLIC WORKS

James M. Irvin, Director

October 29, 1991

MEMO TO: Craig Williams, Program Director
Water and Sewerage Program
Bureau of Environmental Health

FROM: Diane A. Cerkanowicz *DC*
Utility Design Division
Bureau of Engineering

SUBJECT: Availability of Public Water and Public Sewer
Tax Map 37, Parcel 210
Address: 6166 Montgomery Road
Owner: Joyce Lunn
6166 Montgomery Road
Elkridge, Maryland

In response to your memorandum of October 9, 1991 we have researched the availability of public water and sewer service to the subject property.

According to the Department of Finance, The subject property is currently served by public water. While the property is not currently served by public sewer, an extension was built under Howard County Contract 10-1602 which provides a connection to the property. In order to hook up to the County sewer system it appears that all Ms. Lunn needs to do is pay the applicable fees.

Due to the topography of the site and Howard County subdivision regulations, Ms. Lunn will have to acquire at least one easement in order to provide water and sewer service should she subdivide the property. As you can see from the attached topographical map, the property falls away from Montgomery Road. Therefore, the most feasible way to provide sewer service to the southern portion of the property is to tie-in to the existing sewer in Bellanca Drive (cont. 657-S) which is approximately 200 linear feet from the Lunn property. Water service to the subdivided portion of the property could be provided in the same easement or by an easement off of Montgomery Road.

Therefore water and sewer service may be extended to serve the proposed subdivision subject to the acquisition of the necessary easements. It should be noted that a developers agreement with Howard County would be required before Ms. Lunn could proceed with the water and sewer extensions to that portion of her property.

Attached, for your information are the 600 scale tax map, address map, topo map, sewer map and water map. If you have any questions or need more information, please call me at 313-3414.

cc: William E. Riley
Don Lieu

enhealth.mem



RECEIVED

OCT 16 1991

BUREAU OF ENGINEERING

HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

October 9, 1991

Reply to:

MEMORANDUM

To: Mr. William E. Riley, Chief
Department of Engineering
Department of Public Works
Howard County Government

From: Mr. Craig Williams, Program Director *C.W.*
Water and Sewerage Program

Re: Availability of Public Water and/or Public Sewer
Tax Map: 37 Parcel 210
Address: 6166 Montgomery Road
Owner: Joyce Lunn
Owner's Address:
6166 Montgomery Road
Elkridge, Maryland

Ms. Lunn has requested authorization from this office to subdivide a lot on the above referenced property which is located in the Metropolitan Service District. Authorization is normally granted only for exceptional cases where public facilities are not "reasonably" available.

In order to determine if an exception is warranted, we request any information you can provide detailing the availability of public water and sewer to this property.

Thank you for your assistance.

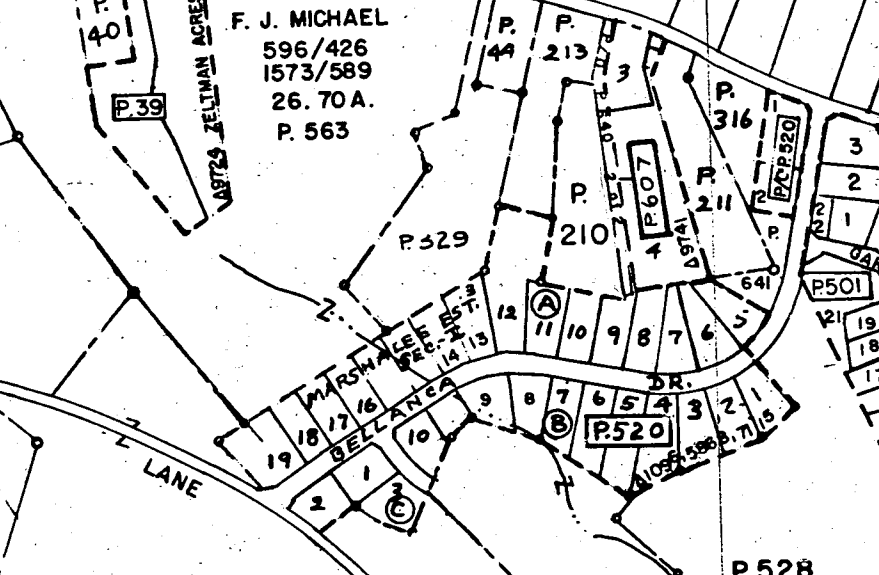
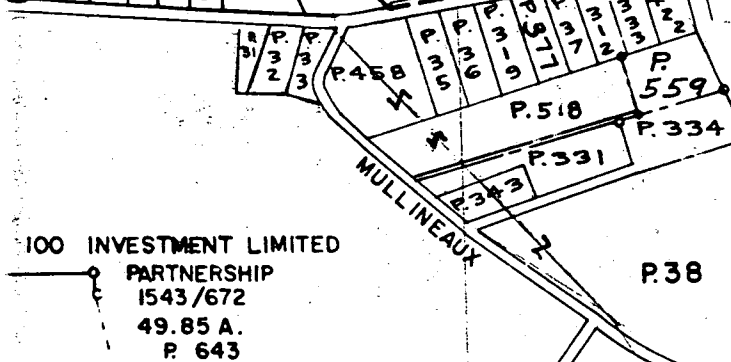
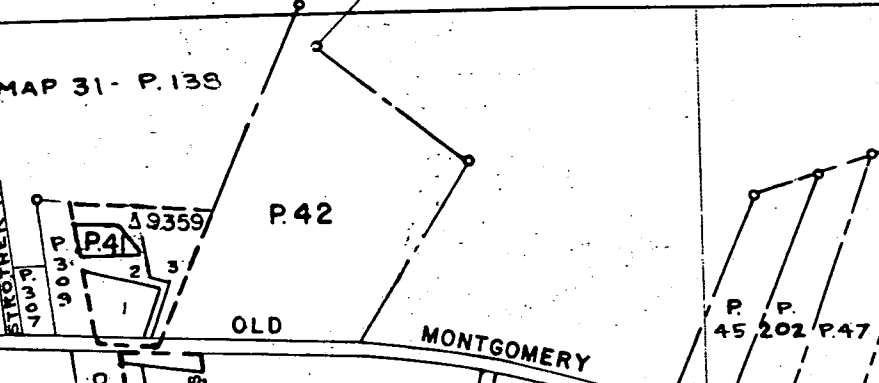
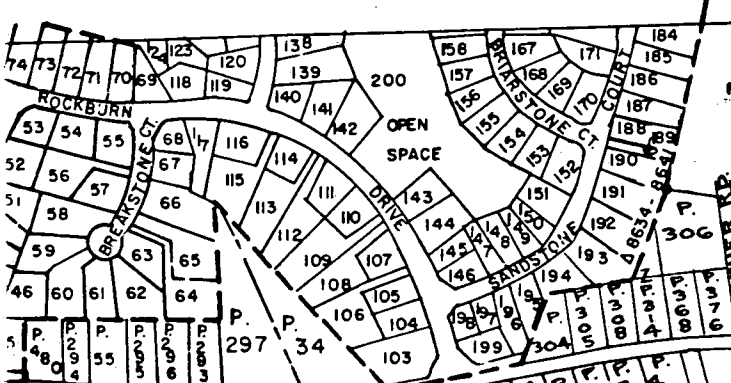
CW/JN:cm

RECEIVED

OCT 23 1991

UTILITY DIVISION
DPW BUREAU OF ENGINEERING

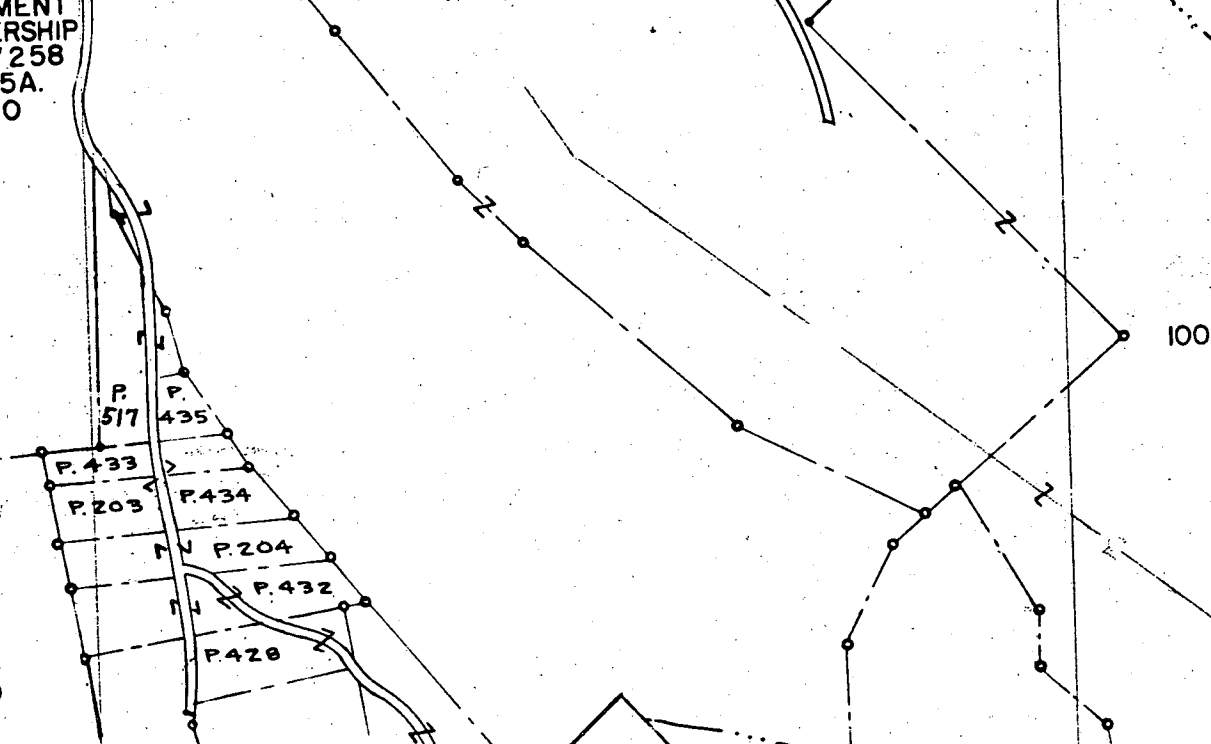
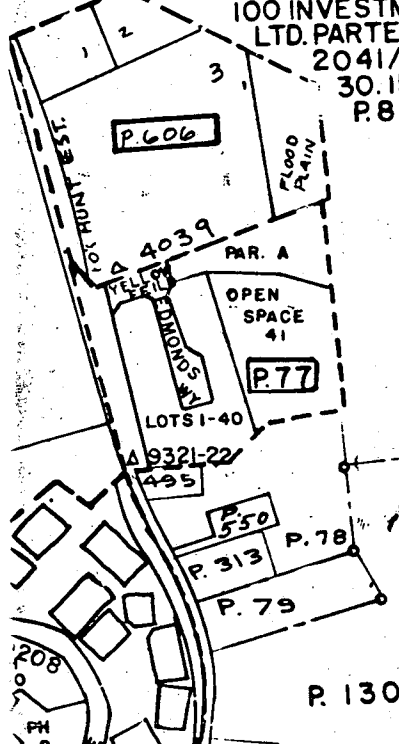
MAP 31 - P.138

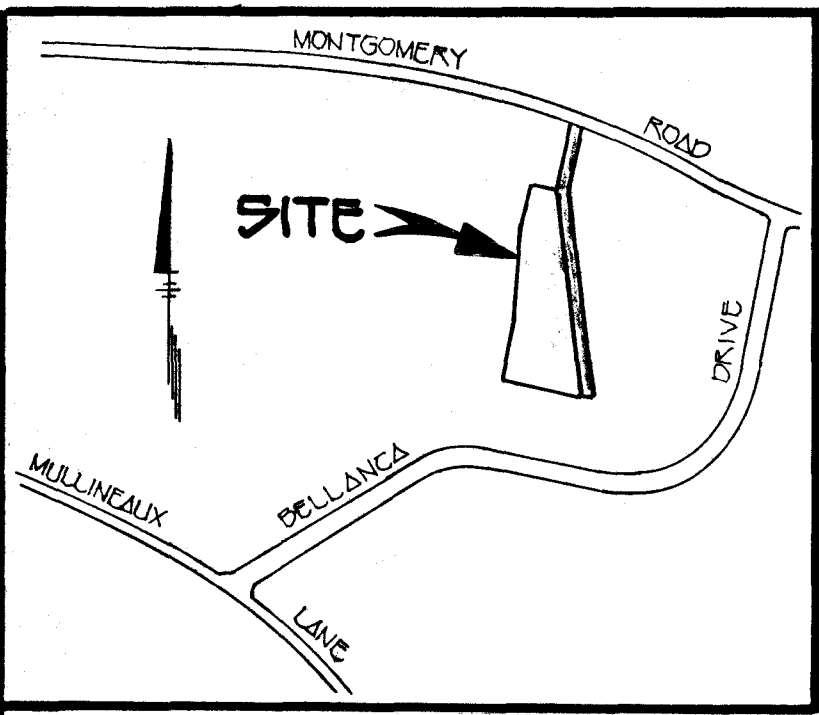


100 INVESTMENT LIMITED
 PARTNERSHIP
 1543/672
 49.85 A.
 P. 643

F. J. MICHAEL
 596/426
 1573/589
 26.70 A.
 P. 563

100 INVESTMENT LTD. PARTERSHIP
 2041/258
 30.15A.
 P.80





VICINITY MAP

SCALE: 1" = 600'

NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- SUBJECT PROPERTY ZONED "R-20".
- PERCOLATION AREAS AND WATER WELLS FOR ADJOINING LOTS WILL BE SHOWN WHERE PERTINENT.

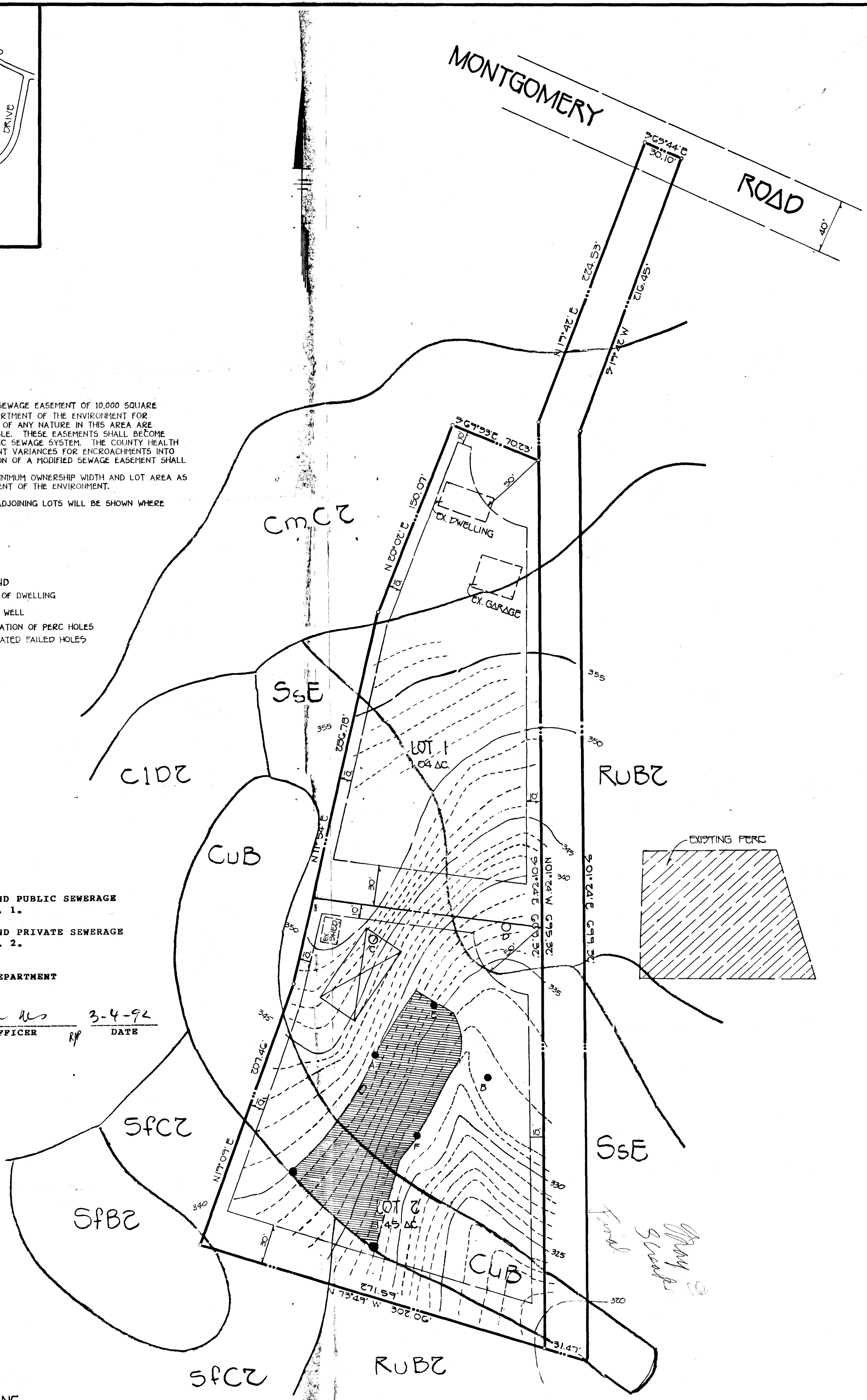
LEGEND

- DENOTES LOCATION OF DWELLING
- DENOTES PROPOSED WELL
- DENOTES FIELD LOCATION OF PERC HOLES
- DENOTES FIELD LOCATED FAILED HOLES

- APPROVED:
- FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS FOR LOT NO. 1.
 - FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS FOR LOT NO. 2.

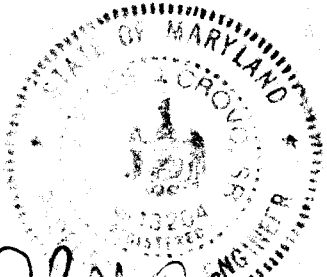
HOWARD COUNTY HEALTH DEPARTMENT

Joan In Board us 3-4-92
 HOWARD COUNTY HEALTH OFFICER *RP* DATE



FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 9171 BALTIMORE NATIONAL PIKE, SUITE 100
 ELLICOTT CITY, MARYLAND 21042
 TELEPHONE: (410) 461-2855
 FAX: (410) 750-3784



Charles J. Crovo
 CHARLES J. CROVO JR.
 1/27/92
 DATE

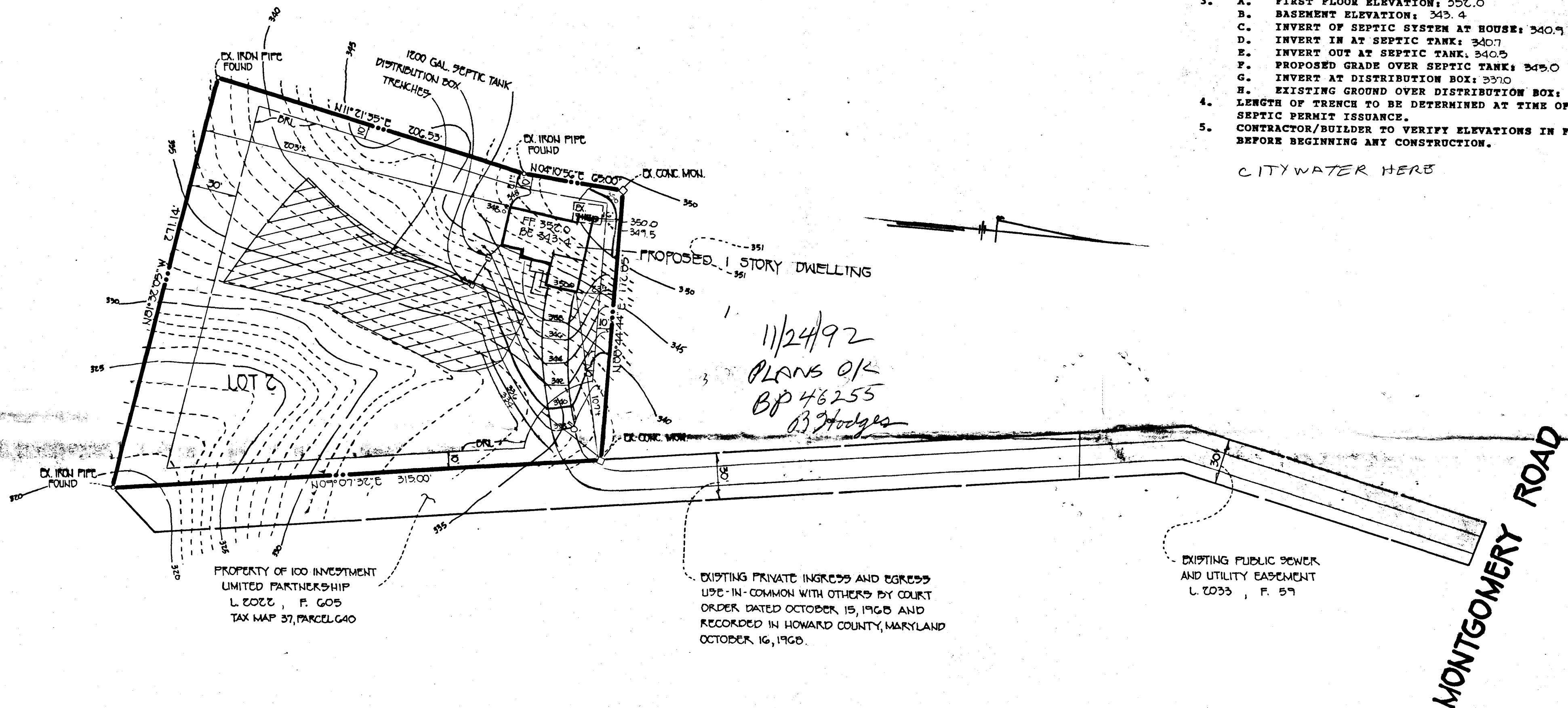
PERC TEST CERTIFICATION DRAWING
 LUNN PROPERTY

2ND ELECTION DIST. HOWARD COUNTY, MARYLAND
 TAX MAP 37 PARCEL 210
 SCALE: 1" = 50' DATE: JANUARY 22, 1991

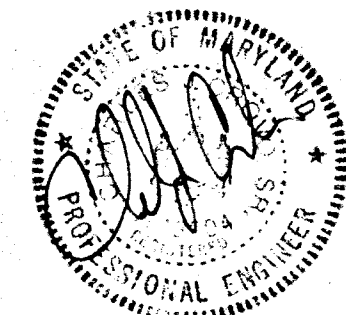
GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPT. NO. A 47569
2. PROPOSED 1,250 GALLON SEPTIC TANK.
3.
 - A. FIRST FLOOR ELEVATION: 350.0
 - B. BASEMENT ELEVATION: 343.4
 - C. INVERT OF SEPTIC SYSTEM AT HOUSE: 340.9
 - D. INVERT IN AT SEPTIC TANK: 340.7
 - E. INVERT OUT AT SEPTIC TANK: 340.5
 - F. PROPOSED GRADE OVER SEPTIC TANK: 345.0
 - G. INVERT AT DISTRIBUTION BOX: 337.0
 - H. EXISTING GROUND OVER DISTRIBUTION BOX: 340.0
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR/BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

CITY WATER HERE



FRANK, COLLINS & CARTER, INC.
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PLOT PLAN
 TO ACCOMPANY APPLICATION FOR
 BUILDING PERMIT
 LOT 2
LUNN PROPERTY
 TAX MAP 37 ZONED R-20 PARCEL 210
 FIRST ELECTION DIST. HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: OCTOBER 1992