

PERMIT

05-410274

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

313-2640

INDEXED

P 573590

A 43307

DISTRICT 5th

DATE 4/14/96

DATE SYSTEM APPROVED 12/18/96

INSPECTOR McRifkin

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Mt. Orange Estates LOT 5 ROAD 6626 Haviland Mill Road

PROPERTY OWNER John and Alica Newhagen

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting at the right rear lot corner (intersection of the 117.11' and 434.81' lot lines), start the first trench 60' up the 434.81' lot line and 90' off this same lot line. Run trenches on contour to left side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/MR OK/RP 8/19/96

PLANS APPROVED BY Mark Rifkin

DATE 7/10/96

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

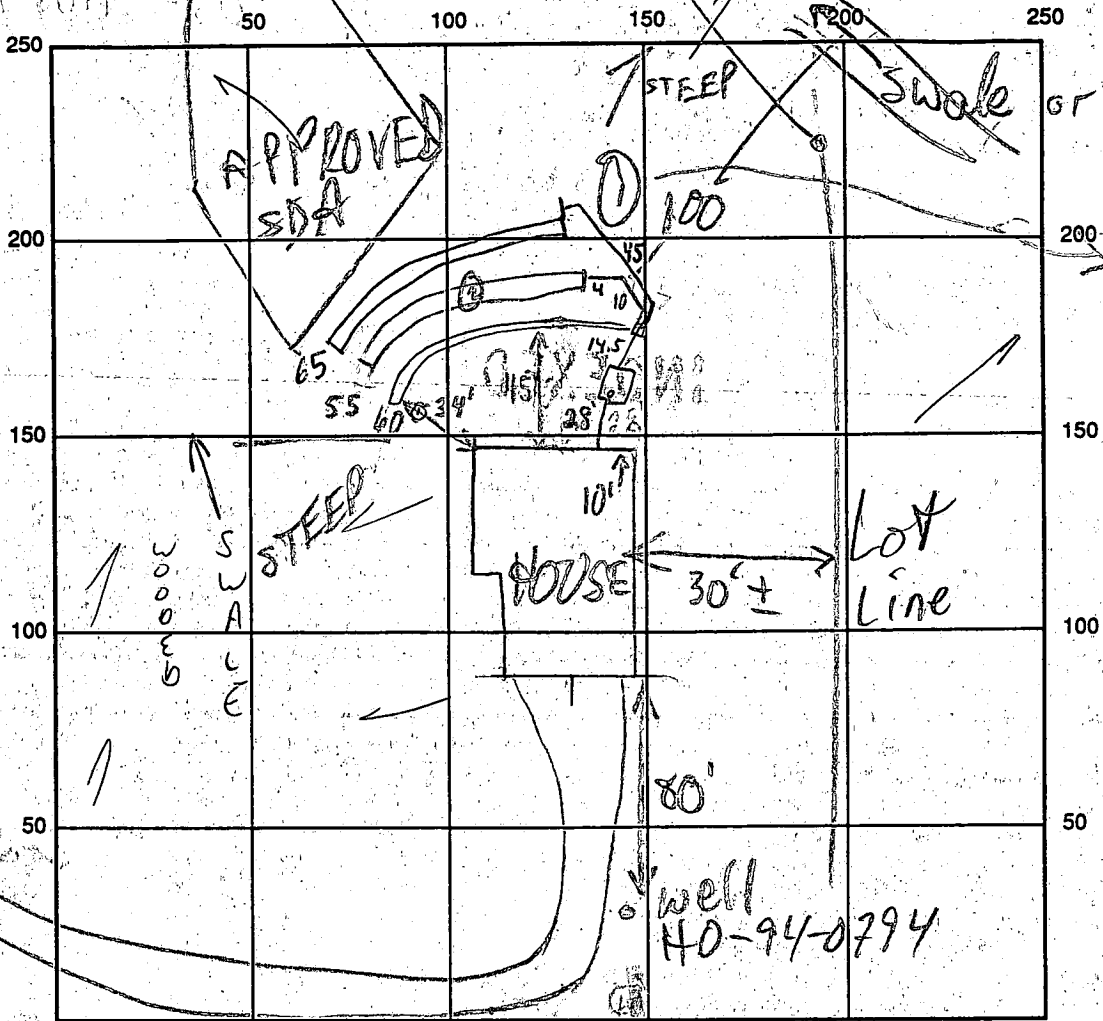
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 43307

12/11/96
12:00 C.O.
12-16-96
12:00 & later C.O.
12-17-96
12:00 C.O.
12-18-96
12:00 C.O.



OR "stream"
CONFIRMATION HOLE ①
brndlm 2
tan
sa lm
20%
Frags 1/2
OK 12

COMMON DRIVE

HAVILAND MILL RD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1000 GAL CLEANOUTS 10.0 TANK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 55/65 FT.

NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA ①180 ②165 ③185 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 12/12/96 OK TO COVER AS NEEDED DUE TO RAIN

FORECAST, 3-60' TRENCHES PLANNED, LAYOUT OK 12/16/96

1ST TRENCH OK TO STONE, MAINTAIN 100' FROM STREAM. 12/17/96 HOUSE MOVED

30' BACK AFTER REVISED PLAN; TRENCHES OUT OF APPROVED SDA,

CONF HOLE OK, CONTINUE MR 12/18/96 ALL WORK OK TO COVER (M)

DATE SYSTEM APPROVED 12/18/96

INSPECTOR M. Rifkin

APPLICATION

PERCOLATION TESTING

A 43307
P _____
DISTRICT 5
DATE 12-29-88

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

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 A. Nelson Waller John & Alicia Nowhagen

ADDRESS Rt. 1 Box 520, Partlow, Va. 22534 PHONE _____

PROSPECTIVE BUYER Polaris Development Corp.

ADDRESS 3414 Morningwood Dr., Suite 1, Olney, Md 20832 PHONE 301-774-8082

PROPERTY LOCATION:
SUBDIVISION Mount Orange Estates LOT NO. 5

ROAD AND DESCRIPTION 6626 Haviland Mill Rd., Highland, Md 20777

TAX MAP 34 PARCEL # 144
SIZE OF LOT approx. 3 acres TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**BLDG. PERMIT SIGNED
AND RETURNED 7-10-96
B00100 895**

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.
Peo C Break
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

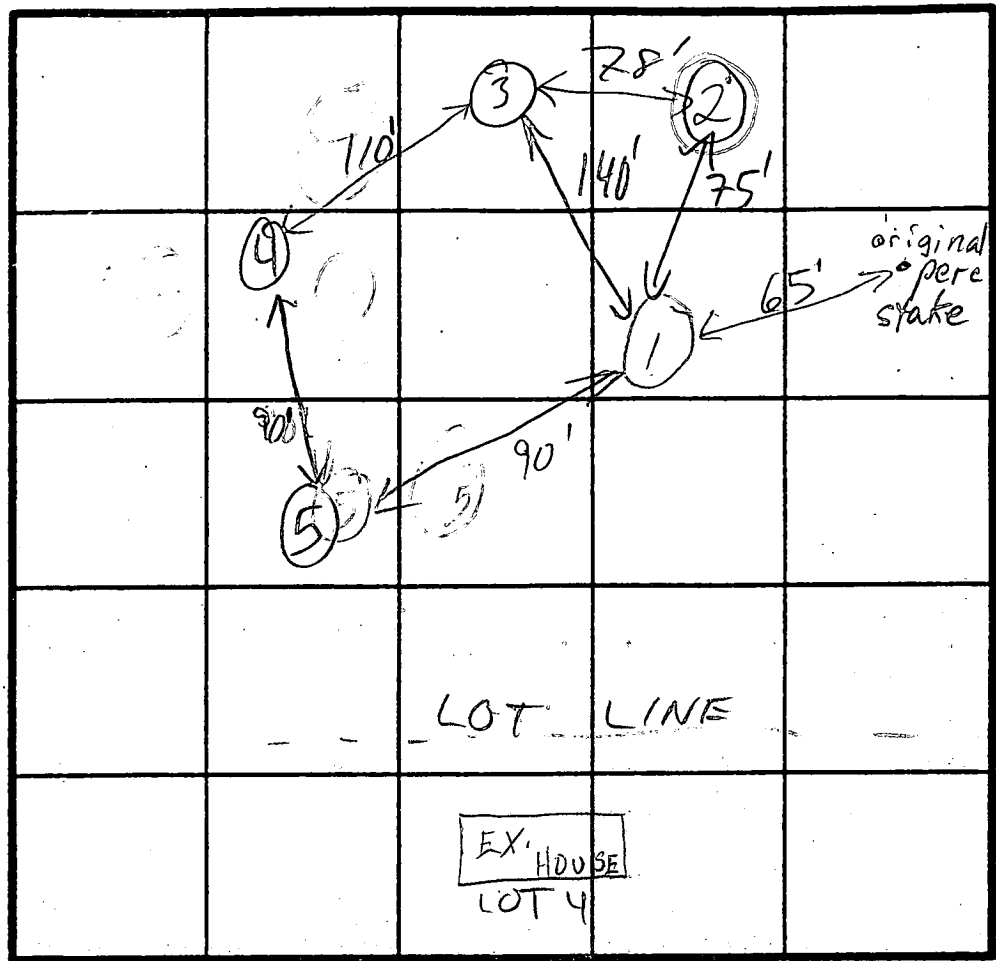
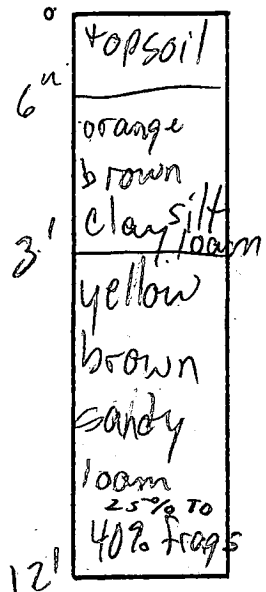
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

*Jan 20 1989
9:30 AM*

HD-216

SOIL PROFILE



⑤ H1

$V = 3 \text{ m/a}$
180 Δ /BR
Inlet 3'
Bottom 5'

HAVILAND MILL RD
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

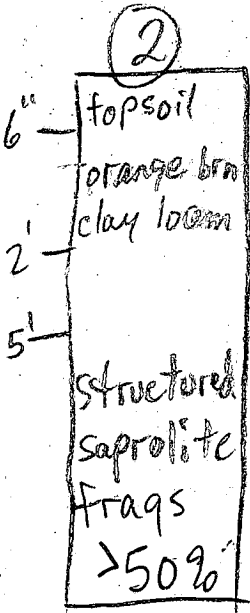
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/20/89	1 M	13 1/2"	10:35	10:37	10:37	10:39	2
		17 1/2"	10:35	10:37	10:37	10:39	2
	VISUAL	12'					
	2 M	2' clay 5' below structured saprolite					
	VISUAL		FAIL		Frags > 50%		
	3 M	3 1/2"	11:01	11:03	11:03	11:05	2
	VISUAL	11'	more gray.		25% frags 2 1/2' clay		
	4 M	5' sim	10:54	10:56	10:56	10:58	2
	VISUAL	13 1/2"	clay more reddish		4 1/2' clay		
	5 M	4' sim	10:43	10:47	10:47	10:53	6
	VISUAL	21 1/2"	10% frags, sandy loam below 3', 2 1/2' clay				

REMARKS HOLES ①, ②, ④ AS STAKED

TYPE OF SOIL Manor

TESTED BY M. Riskin

ALSO PRESENT D. Hopkins, dev. per S. Abel





HOWARD COUNTY HEALTH DEPARTMENT

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

June 14, 1996

Mr. John Newhagen
9623 51st Place
College Avenue, MD 20740

RE: Sewage Easement Adjustment - A43307
Mount Orange Estates Lot 6
Haviland Mill Road

Dear Mr. Newhagen:

This is a confirmation of our conversation of May 28, 1996, in which we discussed the location of the recorded sewage easement relative to the percolation test holes. According to my review, one of the five test holes failed due to excessive rock content. Although four test holes were finally approved, this failed hole and other untested areas downhill were included in the recorded sewage easement.

To correct this problem, I advised you that the current sewage easement would have to be modified to correspond to the approved test holes. This requires a plan to be submitted to this office for signature by the Health Officer prior to submission of your building permit plan. It is suggested that you have this plan prepared by the same engineer/surveyor who is preparing your building permit site plan.

If you have any questions about the language required on the plan, or if you have any other questions, please call me at 313-2640.

Very truly yours,
Mark E. Rifkin
Mark E. Rifkin
Sanitarian
Water and Sewerage Program

MR

C1 4600

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 43307

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 053196

22 26 405 (TO NEAREST FOOT)

28 37 40-94-0794

OWNER Newhagen John STREET OR RFD Haviland Mill Rd TOWN Highland SUBDIVISION Mt. Orange Est SECTION LOT 5

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 entries for Sand (0-63) and Gray Mica Rock (63-405).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay) NO. OF BAGS 18 NO. OF POUNDS 1692 GALLONS OF WATER 108 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 62 ft

CASING RECORD

MAIN CASING TYPE (S, C, P, J) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 67

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole (S, B, H, P, O) SLOT SIZE 2 DIAMETER OF SCREEN 60

DEPTH (nearest ft.)

Table for depth measurements at various depths (1-51 ft).

GRAVEL-PACK

IF WELL DRILLED WAS FLOWING WELL INSERT F-IN BOX 68

MDE USE ONLY

(NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

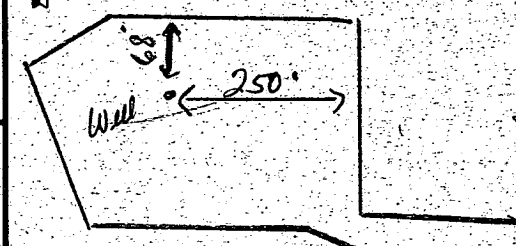
HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 3 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 7 WHEN PUMPING 339 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO) TYPE OF PUMP INSTALLED (A, C, J, P, R, S, T, O) IN BOX 29 CAPACITY GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER 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 THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

TYPE MWD/MSD/MGD DRILLERS LIC. NO. 24

DRILLERS SIGNATURE (Must match signature on application)

LIC. NO. 27

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

12/5/96 pm

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement

Receipt # _____
Date _____

Name of Installer _____

Telephone _____

License Number _____
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner John and Alicia Newhagen Telephone _____
Subdivision Mt. Orange Estates Lot # 5 Well Tag # HO-94-0794
Site Address 6026 Haviland Mill Rd.

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make _____	b. 220 _____	
3. Model # _____		
4. Capacity _____ GPM		
5. Pump exceeds well capacity Yes _____ No _____		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____		

Tank	Piping	Well data
1. Capacity _____	1. Type _____	1. Depth <u>405</u> ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield <u>3</u> GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level <u>7</u> ft.
	4. Depth of supply _____	4. Will water supply be disinfected by installer? _____

12/5/96 OK to cover P.A., well casing 3'8" below grade, 1'4" above grade. 2 piece watertight caps installed. (PKS)

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void)

All information given above is true to the best of my knowledge.

Signature of Applicant: _____

Date: _____

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 GPD AS REQUIRED BY MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA IS PROHIBITED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDABLE SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN THUS: ●

THIS AREA REPRESENTS THE EXISTING SEWAGE EASEMENT TO BE ABANDONED APPROXIMATE SEWAGE SYSTEM PLAN HOWARD COUNTY HEALTH DEPARTMENT

David Ransone
Signature

8/8/96
Date

Approved for private well
Approved for private septic

COUNTY HEALTH OFFICER

DATE

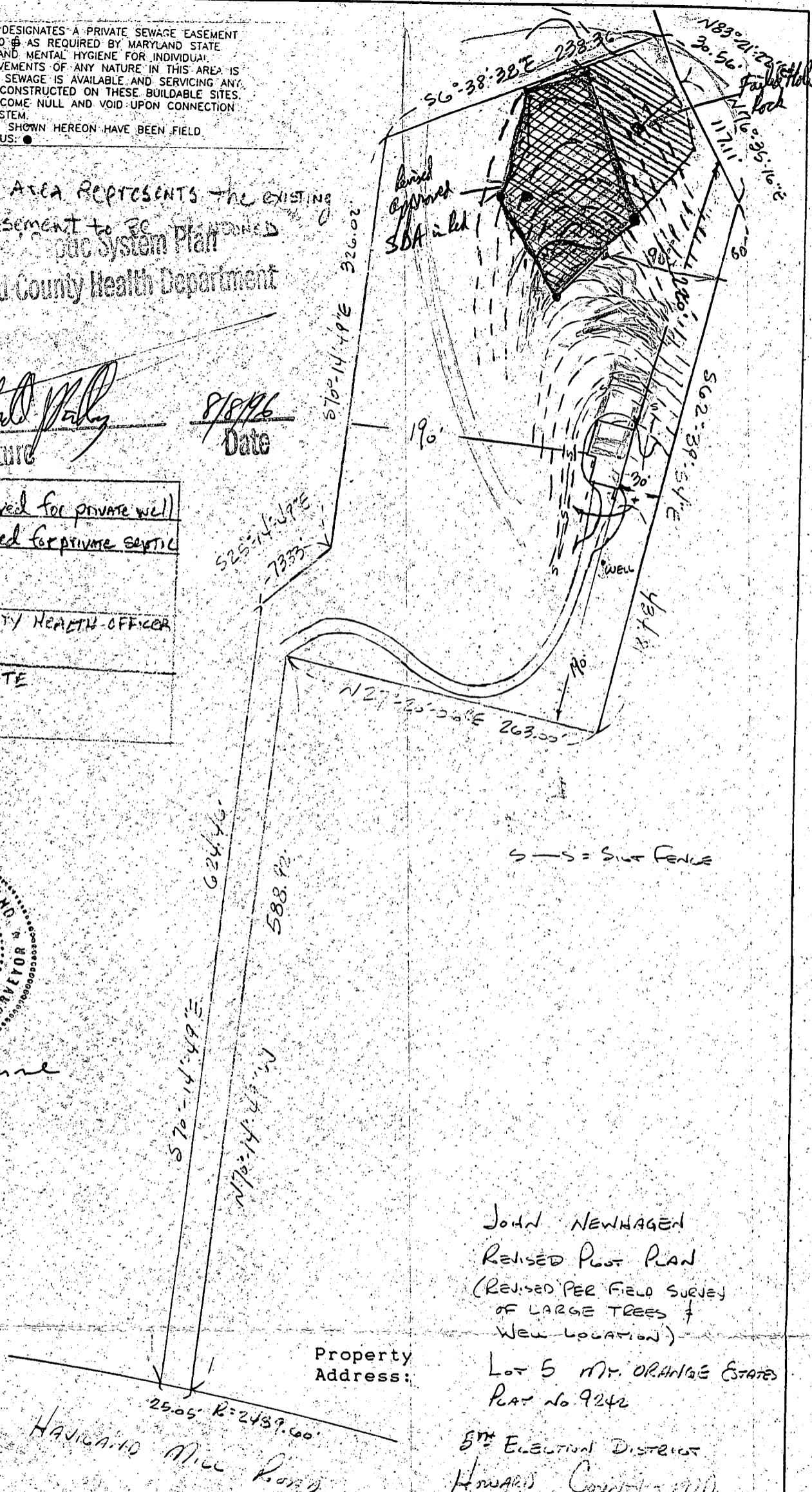


David Ransone

NOTES:

This plat is of benefit to a consumer only insofar as it is required by a lender/title insurance company or their agent in connection with a contemplated transfer or financing or re-financing. This plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. This plat does not provide for the accurate identification of property boundary lines, but such identification is not required for the transfer of title or securing financing or re-financing of the property shown hereon.

The setback dimensions shown hereon and as they relate to structures noted are to be interpreted as being within 2 feet either way of the dimension shown.



S-S = Silt Fence

Property Address:

HAJIGAN RD Mill Road

JOHN NEWHAGEN
REVISED PLOT PLAN
(REVISED PER FIELD SURVEY OF LARGE TREES & WELL LOCATION)
LOT 5 MT. ORANGE ESTATES
PLAT NO 9242
5TH ELECTION DISTRICT
HOWARD COUNTY, MD

Scale: 1"=100'

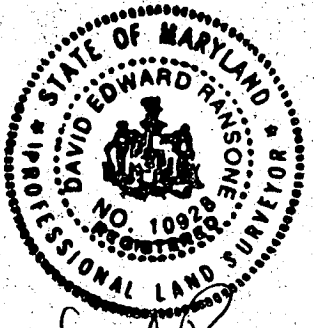
Date: 8-05-96

David Ransone - Land Surveyor
MD Lic.#10928
PO Box 10007
Baltimore, MD 21285-0007
(410) 828-5354

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 GPD AS REQUIRED BY MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA IS PROHIBITED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDABLE SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN THUS: ●

THIS AREA REPRESENTS THE EXISTING SEWAGE EASEMENT TO BE ABANDONED.

Approved for private well
 Approved for private septic
 Joyce M. Boydland per Mr.
 COUNTY HEALTH OFFICER
 6/27/96 MR
 DATE

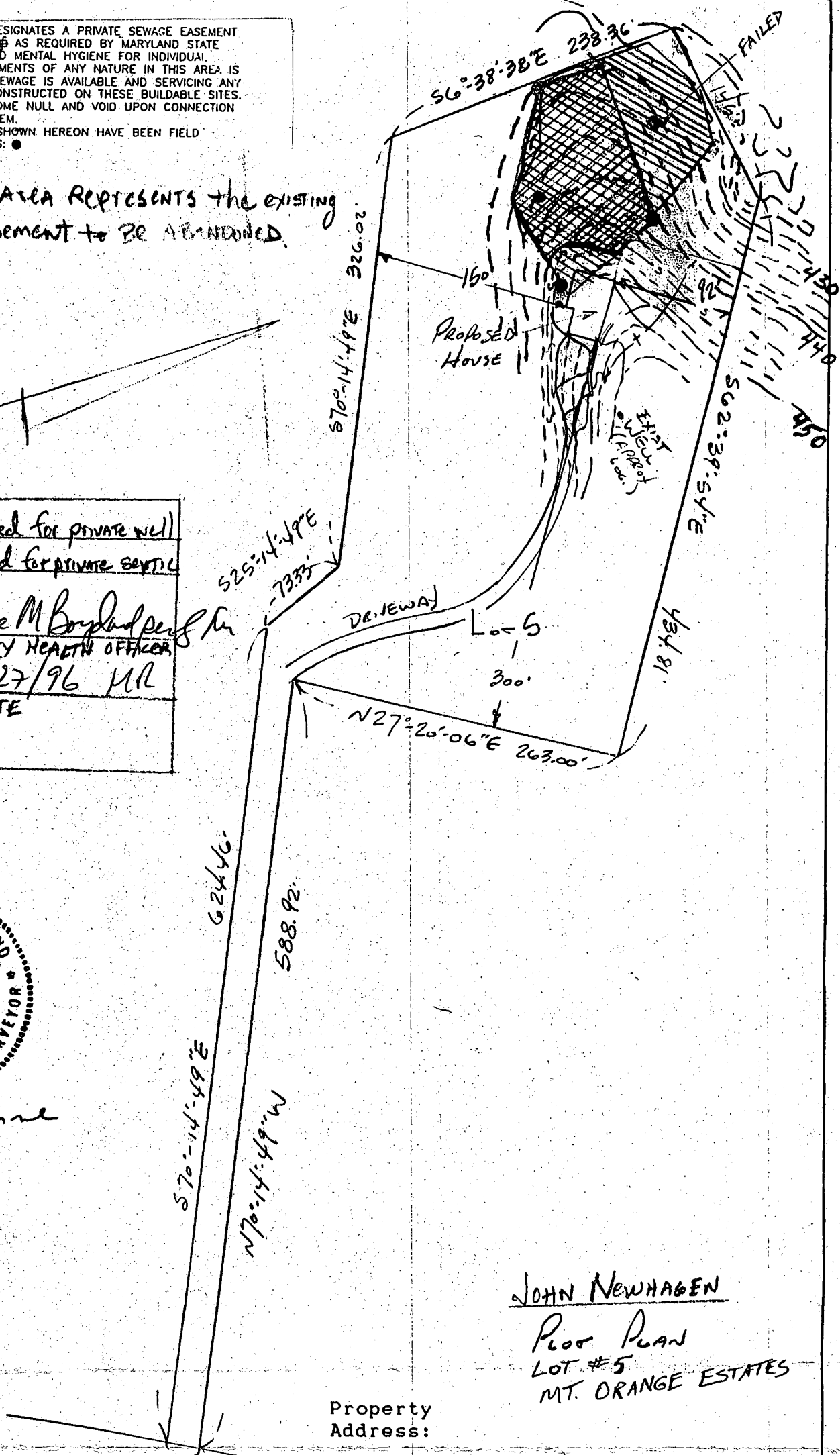


David Ransone

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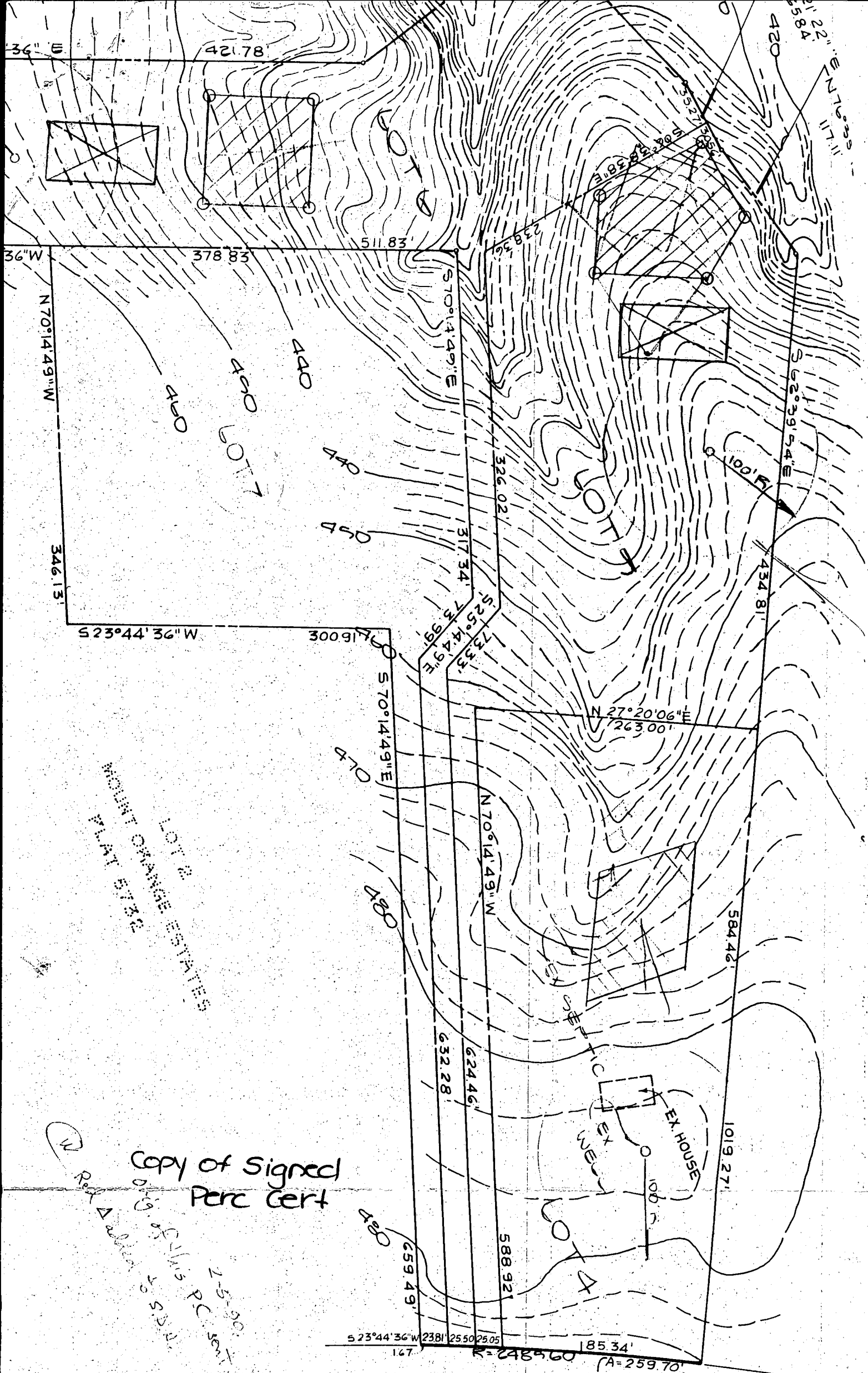
HAVILAND MILL ROAD

JOHN NEWHAGEN
 Prop Plan
 LOT #5
 MT. ORANGE ESTATES

HOWARD County - MD

Scale: 1"=100' Date: 6-25-96

David Ransone - Land Surveyor
 MD Lic.#10928
 PO Box 10007
 Baltimore, MD 21285-0007
 (410) 828-5354

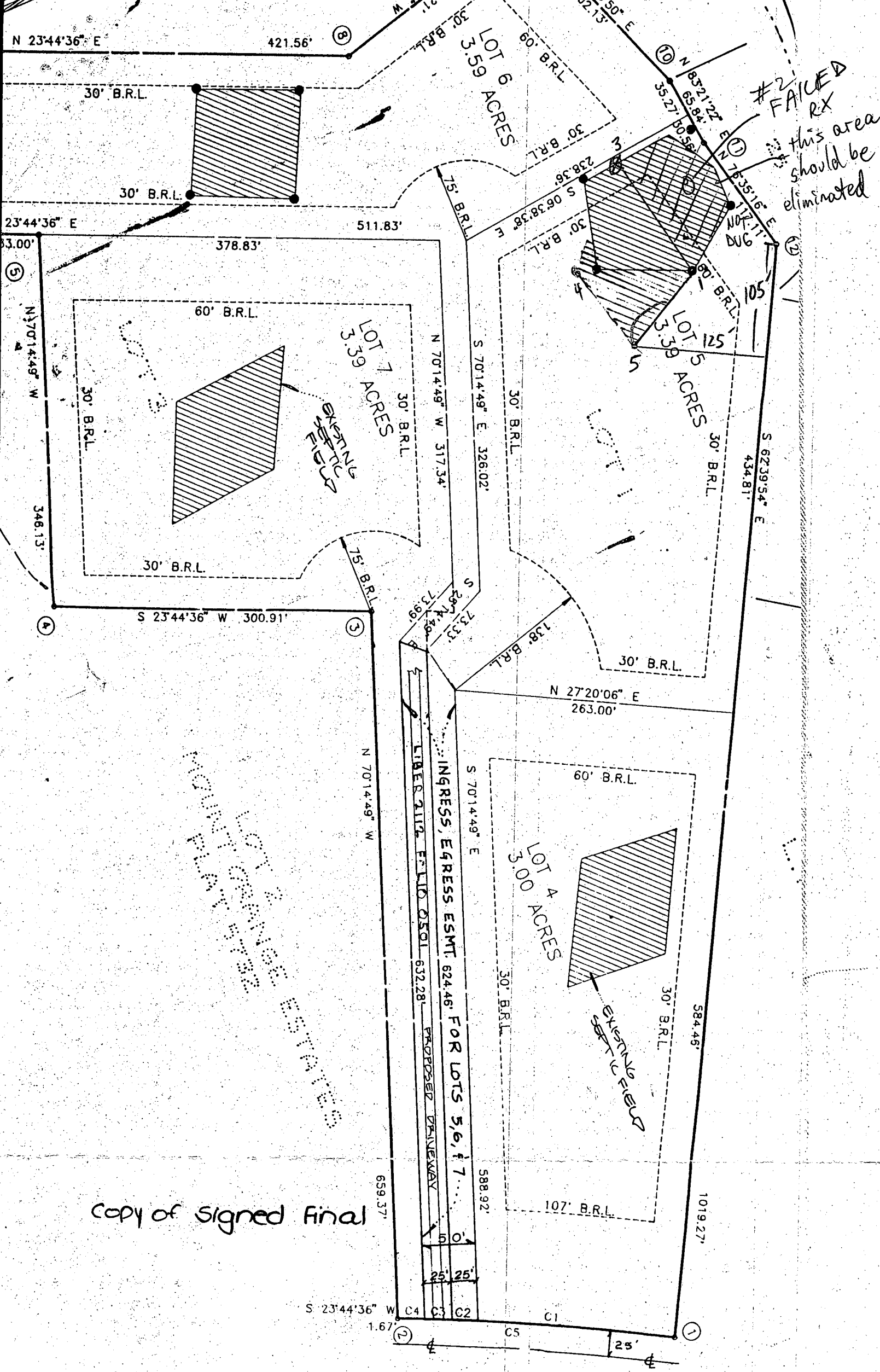


LOT 2
 MOUNT ORANGE ESTATES
 PLAT 5732

Copy of Signed
 Perc Cert

Ref. A
 0-10-05
 2-5-90
 PC sent for 9/5/04

HAVILAND MILL ROAD
 (SO R/W)



#2 FAICED RX
 this area should be eliminated

HAVILAND MILL RD.

copy of signed final

HAVILAND MILL RD.

N 23°44'36" E 801.13'

S 23°44'36" W C4 1.67' C3 25' C2 25' C1 25' C5 1019.27' 1

Law Offices
Eric S. Slatkin & Associates

3905 National Drive, Suite 300
Burtonsville, Maryland 20866

(301) 989-8800

Fax: (301) 989-1454

Eric S. Slatkin*
Robyn Behrman Lupo*†

Mary Ellen Wolf
Certified Paralegal

*Admitted MD & DC
†Admitted NY & NJ

February 18, 1998

Beth Ann Sorge
Legal Assistant

Mr. Mark Rifkin
Inspector, Howard County Health Department
Bureau of Environmental Health
3525 Ellicott Mills Drive, Unit H
Ellicott City, MD 21043

CASE SETTLED
PER OFFICE OF
SLATKIN & ASSOC
3/4/98 MR

RE: Dolfield Contracting v. Newhagen, et ux.

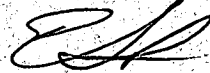
Dear Mr. Rifkin:

I have the pleasure of addressing you as counsel for Mr. and Mrs. John Newhagen, who have been sued by their general contractor, Scot Laudeman and Dolfield Contracting, Inc., for money allegedly due and owing as a result of the construction of their home located at 6626 Haviland Mill Road, Clarksville, MD. The case is currently set for trial in the Circuit Court for Howard County, Maryland on March 5, 1998.

I have been advised by Mr. Newhagen that you are aware of certain facts which are germane in their defense. I wonder if you would be kind enough to telephone me at your earliest convenience so that we may discuss your knowledge and potential testimony. I have enclosed a subpoena for your convenience, which technically requires your attendance on March 5, 1998 at 9:30 A.M. However, if your testimony will be necessary, I will be happy to do everything within my power to accommodate your schedule in order to minimize any inconvenience.

I look forward to hearing from you at your earliest convenience.

Very truly yours,



Eric S. Slatkin

ESS:me
Enclosure