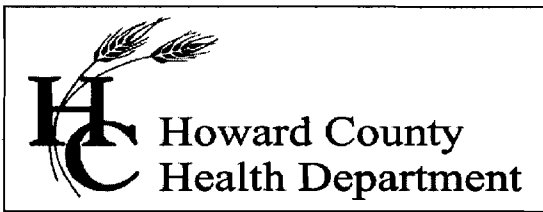


FILE INQUIRY NOTES

5014 Green Bridge Road

DATE	RESULTS OF REVIEW FOR FILE
10/8/13	House footprint revised 6/26/13.
	Health Dept. was not included in 'Revision'
	Review. House footprint encroaches
	an Alt. Well location. A revision
	of the Percolation Certification Plan
	is required prior to issue of
	ICOP letter, (i.e. prior to U&O)
	RBuilder



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
Main: 410-313-6300 | Fax: 410-313-6303
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

October 22, 2013

To: Rob Vogel, Robert H. Vogel Engineering, Inc.
rvogel@vogeleng.com

From: Robert Bricker, REHS/R.S.
Environmental Health Specialist
Well and Septic Program

RE: Lot 3, The Oaks at Bridle Creek, perc cert comment

Revisions are required for the submitted Revised Percolation Certification Plan.

1. The percolation test locations on Lot 3 must be illustrated. See attached graphic.
2. The septic system components for 4898 Green Bridge Road (Dayton Meadows, Lot 8) must be illustrated. See attached graphic.

RB

Enclosures: (2)
Copy: Tim Keane, Trinity Quality Homes, Inc.
file

PERMIT

approved
9/15/86
Ray Hodges

P 374/63
A 26649

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
~~992-2330~~
461-9933

05-399319

ELLICOTT CITY
DISTRICT 5th
DATE 8/7/86

INDEXED

C. C. Cissel IS PERMITTED TO INSTALL X ALTER _____
ADDRESS 14079 Brighton Dam Road, Clarksville, MD 21029 PHONE 854-2006
SUBDIVISION Dayton Meadows ROAD 4898 Green Bridge Road LOT 8, Sec. 1, Area 2
PROPERTY OWNER Daniel Ostericher
ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X _____

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 225 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 120 feet from front lot line along right-of-way and 90 feet from the right (367.70') lot line as seen when facing the lot from right-of-way. Run trenches on contour toward front of lot.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed.

PLANS APPROVED BY S. Abel DATE 5/22/86

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 AND AFTER PLACING GRAVEL IN TRENCH.
 - 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 40 PVC OR ABS.
- 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, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 26649

20

WPI 10/8/86

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

10/8/86
WPI ORIG
w/ ground wire
(P)

New Installation
Replacement _____

Receipt # 3746P
Date 10/30/86

Name of Installer Kastner Plumbing & Heating, Inc.

Telephone 725 5000

License number 1862

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Don & Debbie Ostericher Telephone 854 2011

Subdivision _____ Lot # 8 Well tag # HO-81-1359

Site Address 4898 Greenbridge Road (DAYTON) MEADOWS
Dayton, Maryland 21036 LOT 8 AREA 2

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower <u>3/4</u>	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth <u>63"</u>
c. Submersible <input checked="" type="checkbox"/>	a. 110 _____	
2. Make <u>Gould's</u>	b. 220 _____	
3. Model # <u>#5ESR3412</u>		
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 _____		

ground wire not present (will be installed)

Tank	Piping	Well data
1. Capacity _____	1. Type _____	1. Depth <u>285ft.</u>
2. Pressure relief valve? _____	2. Size <u>1"</u>	2. Yield _____ GPM
<u>well x trap</u>	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
<u>Model WX 202</u>	4. Depth of supply line <u>4-5' north of the way</u>	4. Will water supply be disinfected by installer? _____
<u>gauge in</u>		

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: September 30, 1986

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

A 26649

SUBDIVISION: DAYTON MEADOWS
GREENBRIDGE Rd.

LOT NUMBER: 8

DRY WELL OR DRY WELL AND TRENCH

		_____ sq. ft./bedroom
	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

225 sq. ft./bedroom

Trench to be 2 wide.

Inlet 4 feet below original grade.

Bottom maximum depth 9 feet below original grade.

Effective area begins at 4 feet below original grade.

5 feet of stone below distribution pipe.

B.P. # 40610
OSTERICHER

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX ¹²⁰ 100 FT. FRONT LOT LINE ALONG
RIGHT OF WAY AND ⁹⁰ 55' FROM THE RIGHT (367.70') LOT LINE
AS SEEN WHEN FACING THE LOT FROM R.O.W. RUN TRENCHES ON
CONTOUR TOWARD FRONT OF LOT. 5-22-86 S. ADL

PRELIMINARY

APPLICATION

A 26649

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 5th

DATE 8/16/77

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 William Mitchell *DANIEL OSTERICHER*

ADDRESS _____ PHONE Paul Kottis
421-9433

PROPERTY LOCATION:
4898 DAYTON MEADOWS
SUBDIVISION Dayton Meadows LOT NO. SECT. 1 AREA 2
NEW LOT 8
22 Block C

ROAD AND DESCRIPTION Green Bridge Road

SIZE OF LOT 40,000 sq. ft. TYPE BLDG. 3 or 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 /s/ Paul Kottis

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

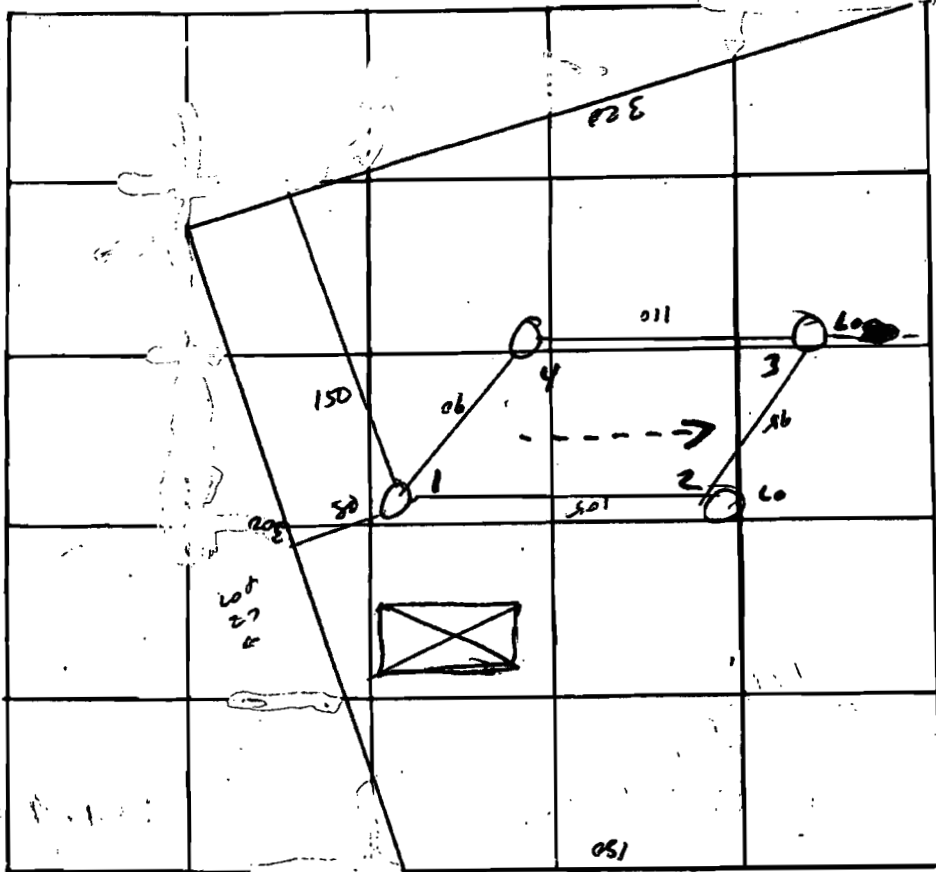
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

B.P.P. 70610

THIS IS NOT A PERMIT



Lot 19
 22C
 22S #BR
 X PERC
 18 MIN
 INLET 4'
 BOTTOM 9'
 Lot 18
 Lot 17

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2 Sep 27	1	3 1/2	10 ¹⁹	10 ²²	10 ²³	10 ²³	5
		13	"	10 ²⁵	10 ²⁵	10 ³²	17
	2	3 1/2	10 ²³	10 ²⁷	10 ²⁷	10 ³²	11
		14	"	10 ³⁰	10 ³⁰	10 ⁵⁸	28
	3	4	10 ²⁵	10 ³²	10 ³⁸	10 ⁵²	20
		14	"	10 ³²	10 ³⁸	10 ⁵²	25
	4						

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY M ALSO PRESENT K. L. L.

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL

DRILLER:

My well driller is not to install the pump for my water well, and I
hereby certify that it will be my responsibility to have a Pump Permit
taken out by a registered master plumber or certified pump installer.
It will be my responsibility to notify the Health Department before
and during the installation so that inspections can be made by their
representative. (Pursuant to Chapter XVII, of the Plumbing Code of
Howard County.)

DAYTON MEADOWS

Lot 8

Section 1

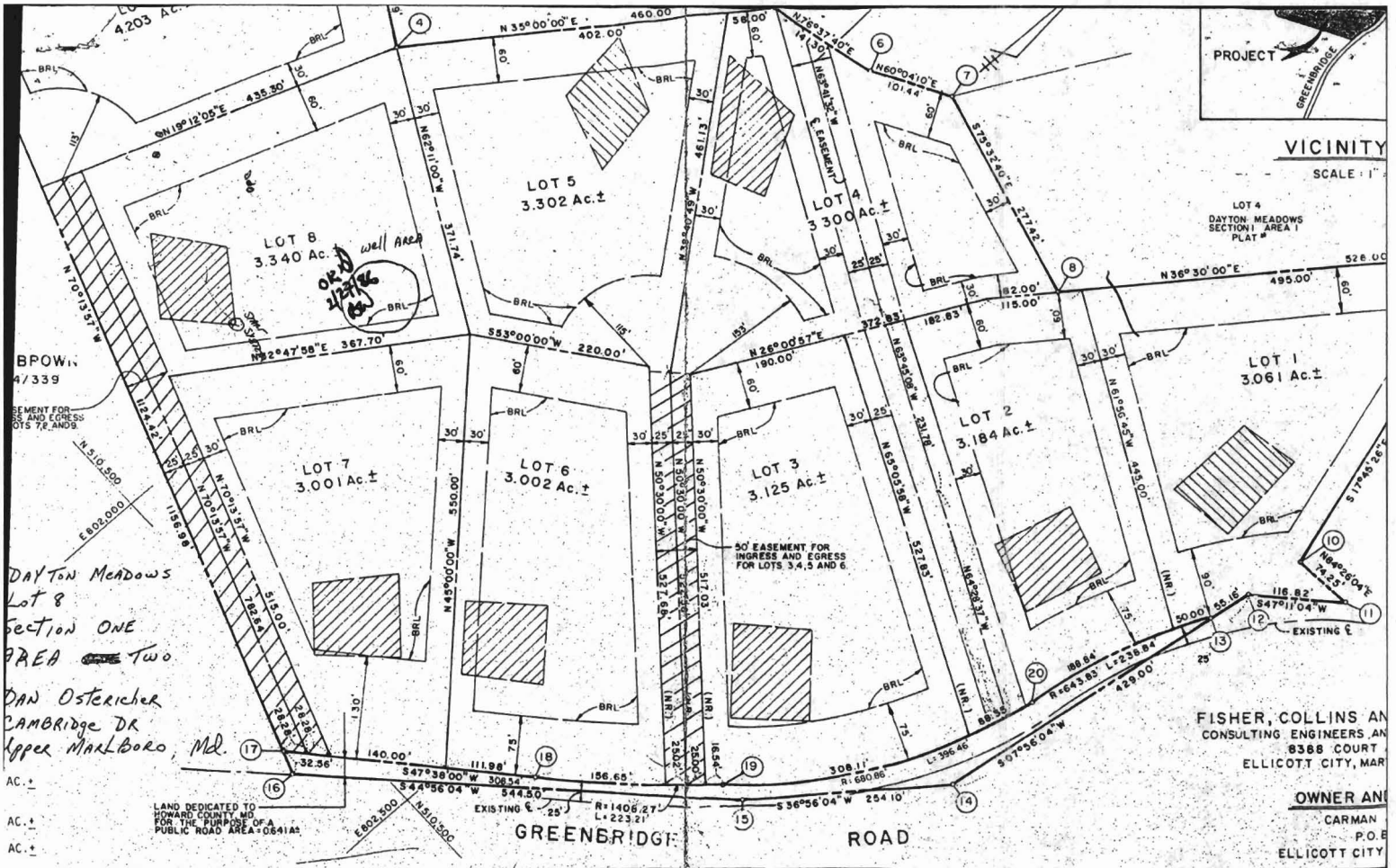
Area 2

Daniel Stricker
(Name)

14621 CAMBRIDGE DR.
(Address)
UPPER MARLBORO, MD. 20772

HO 87-1359
(OEP Well Permit Number)

2-12-86
(Date)



CISSEL

B.P. 70610

LOT 8

- 96.75 ELEVATION SURFACE AT PERC HOLE ✓
- 93.25 92.75 DISTRIBUTION BOX INLET EL. ✓
- 93.5 INV. OUT OF SEPTIC TANK ✓
- 93.75 INV. INTO SEPTIC TANK ✓
- 94.0 INV. OUT OF HOUSE ✓
- 98.25 ELEV. OF 1ST FLOOR OF HOUSE ✓
- 96.25 EXISTING GRADE AT HOUSE ✓
- 97.25 PROPOSED GRADE AT HOUSE ✓
- 100 EL. OF WATER WELL ✓

I certify the above measurements
are relative and correct
for this property.

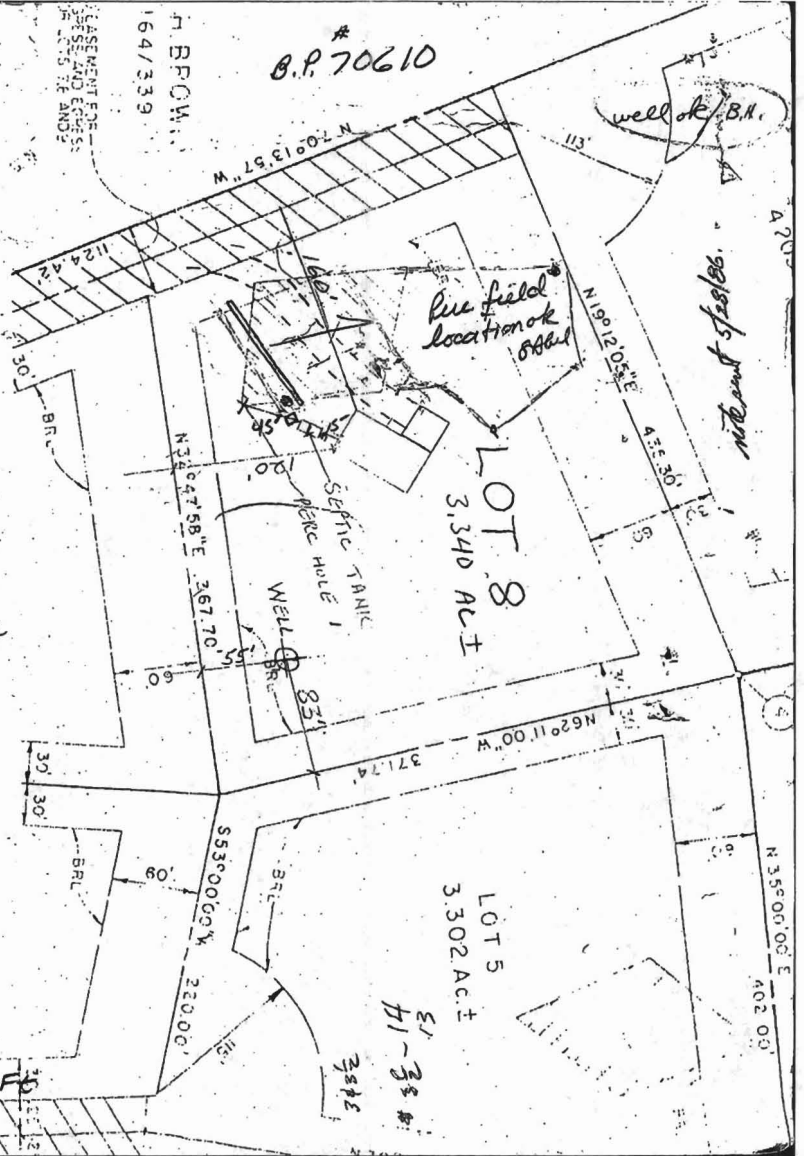
Paul Atkinson

INLET 4
Bottom 9
225 #/BR

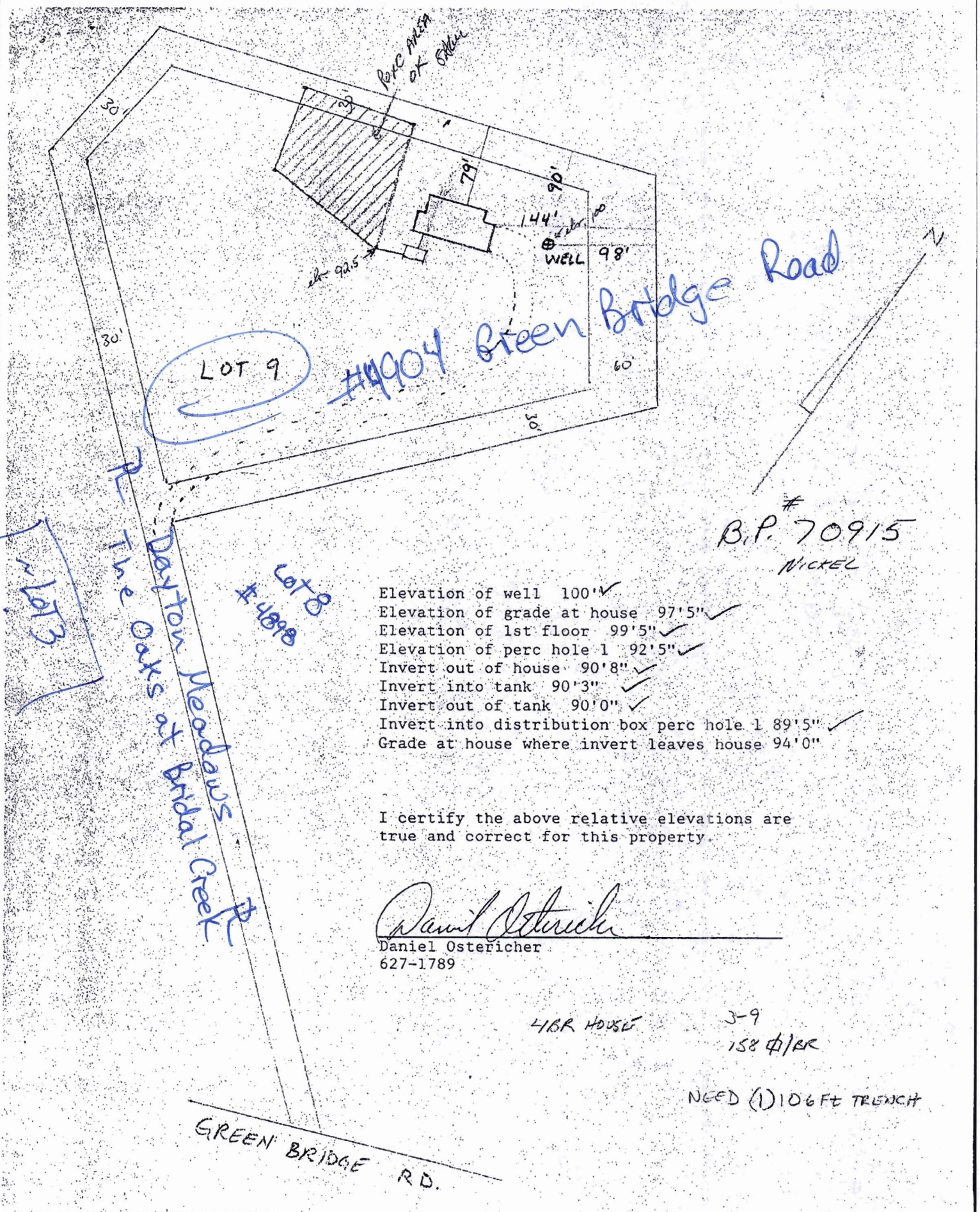
3BR - 135 Ft TRENCH ✓

4BR - 180 Ft TRENCH

w/ disposal 3BR = 165 Ft 4BR = 220 Ft



GREENBRIDGE



B.P. 70915
NICKEL

- Elevation of well 100' ✓
- Elevation of grade at house 97'5" ✓
- Elevation of 1st floor 99'5" ✓
- Elevation of perc hole 1 92'5" ✓
- Invert out of house 90'8" ✓
- Invert into tank 90'3" ✓
- Invert out of tank 90'0" ✓
- Invert into distribution box perc hole 1 89'5" ✓
- Grade at house where invert leaves house 94'0"

I certify the above relative elevations are true and correct for this property.

Daniel Ostericher
 Daniel Ostericher
 627-1789

418R HOUSE 3-9
 158 #/BK

NEED (1) 106 FT TRENCH

GREEN BRIDGE RD.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
~~992-2330~~
461-9933

05-399319

INDEXED

ELLCOTT CITY
DISTRICT 5th
DATE 8/7/86

approved
9/15/86
Ray Hodges

P 374/63
A 26649

C. C. Cissel IS PERMITTED TO INSTALL ALTER
ADDRESS 14079 Brighton Dam Road, Clarksville, MD 21029 PHONE 854-2006
SUBDIVISION Dayton Meadows ROAD 4898 Green Bridge Road LOT 8, Sec. 1, Area 2
PROPERTY OWNER Daniel Ostericher
ADDRESS _____

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PLANS APPROVED BY S. Abel DATE 5/22/86

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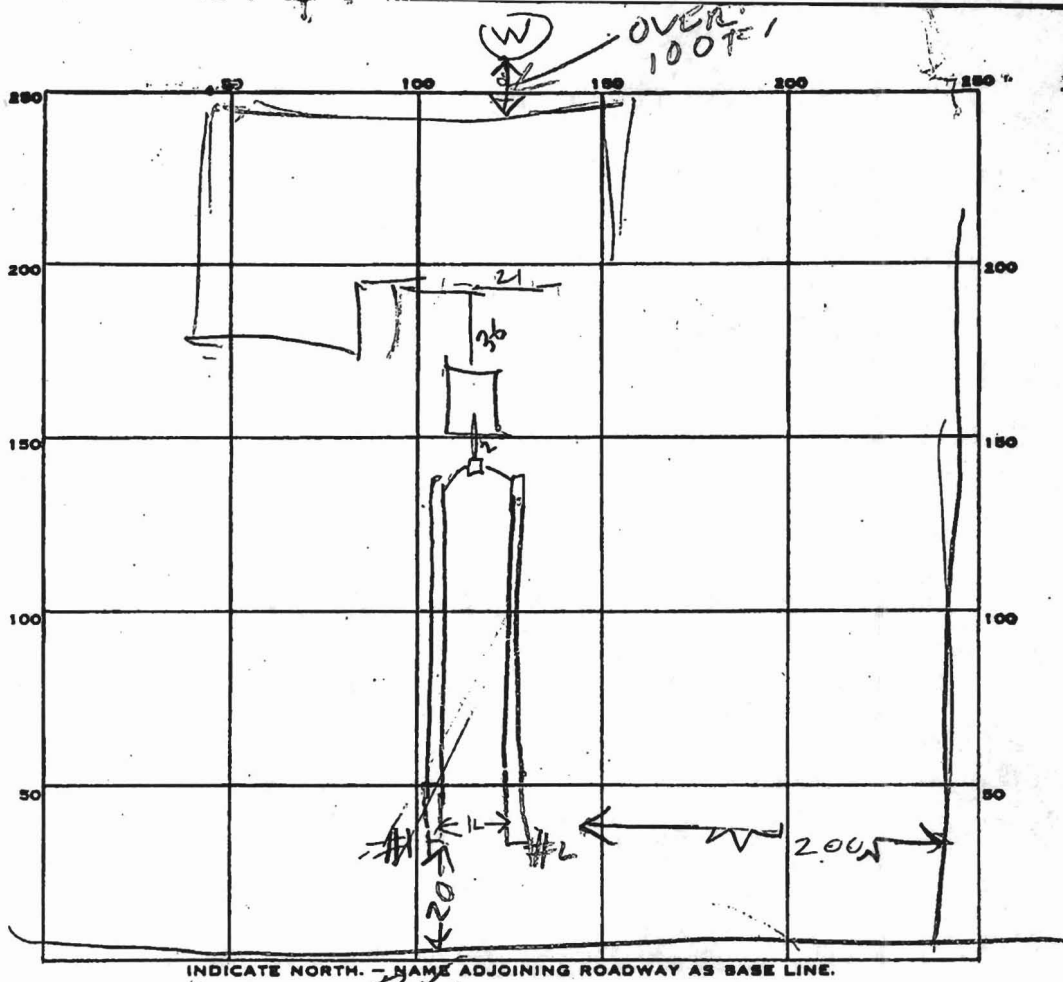
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 26649

20



Talked to F.F. He doesn't remember. H of opinion that they talked to FF & He thought

PERMIT CARD

SEPTIC TANK, LEVEL 1500 CLEANOUTS SJ
OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 16.5 | 10 FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH 6.5 | 6 IN. TOTAL LENGTH 43 | 87 FT.

NUMBER OF TRENCHES	<u>2</u>	TOTAL BOTTOM AREA	<u>558</u> <u>522</u> <u>1080</u>
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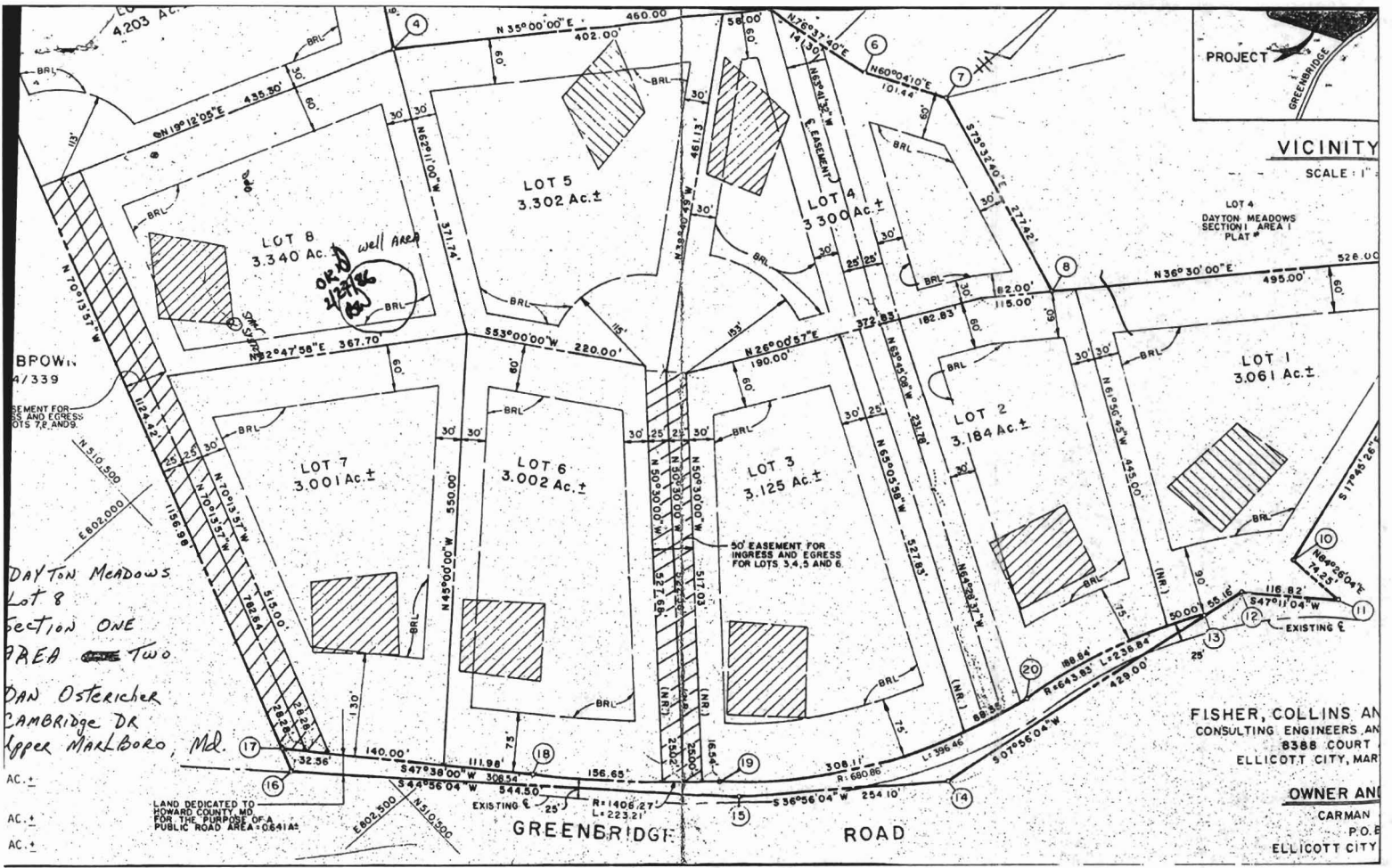
SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

REMARKS

9/15/86 LOCATION OK FROM R/W BUT DOUBTFUL FROM RIGHT LOT LINE SOIL LOOKS OK (ABOUT 200 FT FROM RIGHT LINE SHOULD BE ONLY 90 FT) VISSER SAID MR OSTER TALKED TO MR FRAMMELT ABOUT CHANGING LOCATION IN APRIL 86

9/15/86 BEST OF STONE ADDED TO TRENCH #1 & 2 225 X 42 900 SQ FT NEEDED

DATE SYSTEM APPROVED 9/15/86 INSPECTOR Raymond Nodger



PROJECT
 GREENBRIDGE
 VICINITY
 SCALE: 1" = 100'

LOT 4
 DAYTON MEADOWS
 SECTION I AREA I
 PLAT

LOT 1
 3.061 Ac. ±
 LOT 2
 3.184 Ac. ±
 LOT 3
 3.125 Ac. ±
 LOT 4
 3.300 Ac. ±
 LOT 5
 3.302 Ac. ±
 LOT 6
 3.002 Ac. ±
 LOT 7
 3.001 Ac. ±
 LOT 8
 3.340 Ac. ±

FISHER, COLLINS AND
 CONSULTING ENGINEERS, AN
 8388 COURT
 ELLICOTT CITY, MARYLAND

OWNER AND
 CARMAN
 P.O. BOX
 ELLICOTT CITY

BPOW: 4/339
 EMENT FOR INGRESS AND EGRESS FOR LOTS 7, 8 AND 9
 DAYTON MEADOWS
 Lot 8
 Section ONE
 AREA Two
 DAN OSTERICHER
 CAMBRIDGE DR
 Upper MARLBORO, Md.

AC. ±
 AC. ±
 AC. ±

LAND DEDICATED TO HOWARD COUNTY MD FOR THE PURPOSE OF A PUBLIC ROAD AREA 0641A5

GREENERIDGE ROAD

CISSEL

B.P. 70610

LOT 8

- 96.75 ELEVATION SURFACE AT PERC. HOLE ✓
- 93.25 92.75 DISTRIBUTION BOX INLET EL. ✓
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- 97.25 PROPOSED GRADE AT HOUSE ✓
- 100 EL. OF WATER WELL ✓

I certify the above measurements are relative and correct for this property.

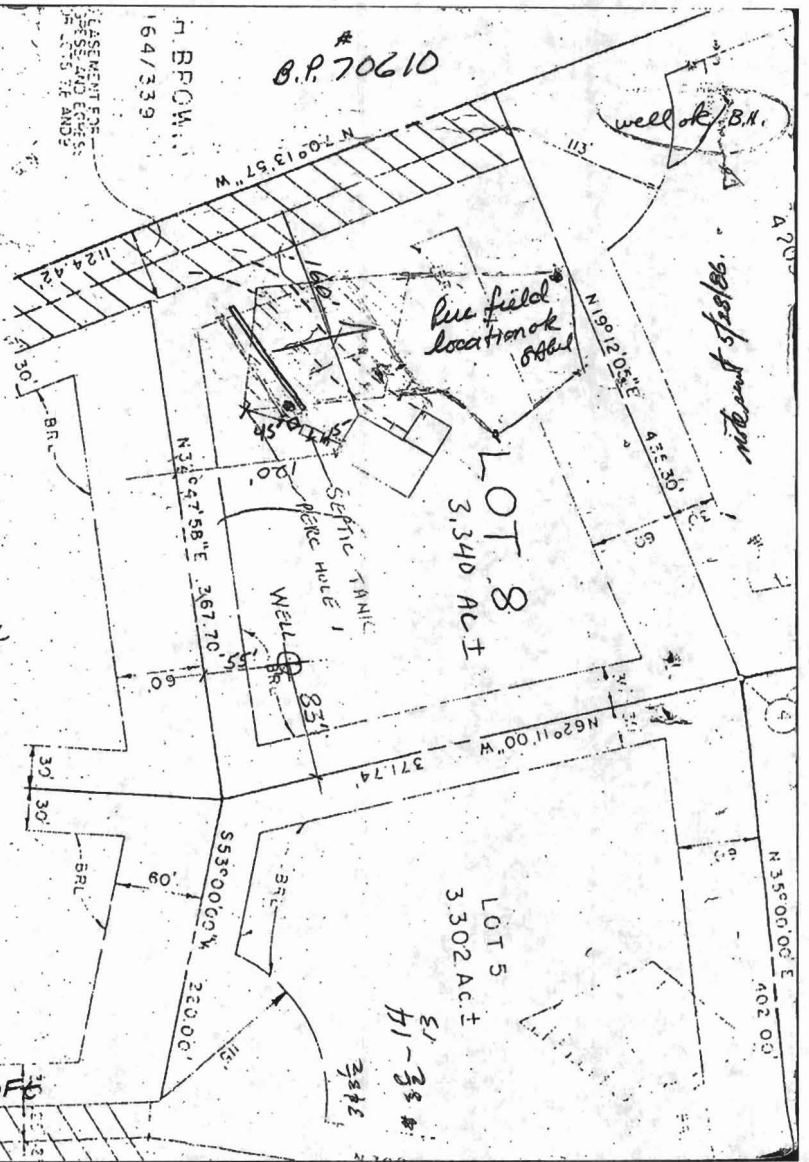
Paul Stueck

INLET 4
BOTTOM 9
225 #/BR

3BR - 135 FT TRENCH ✓

4BR - 180 FT TRENCH

W/ DISPOSAL 3BR = 165 FT 4BR = 220 FT



GREENBRIDGE

note out of spec.

line field location of 888

well ok B.N.

LOT 8
3.340 AC.T

LOT 5
3.302 AC.T

382
383
384

N 30° 30' 00" W 222.48
N 56° 30' 00" W 527.69
N 56° 30' 00" W 500.00
N 30° 30' 00" N 2502