

9/24/99 10/28/99 C.O. & WPI 2pm  
NOON

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-327744

P 512720  
564301  
A 564301

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

## INDEXED

DISTRICT \_\_\_\_\_  
DATE 9/22/99  
DATE SYSTEM APPROVED 10/28/99  
INSPECTOR S.R.K.

Lehsac Plumbing & Heating IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 202 Azar Court, Baltimore, MD 21227 PHONE 410-242-6888

SUBDIVISION Gaither Hunt LOT 59 ROAD 12001 Open Run Court

PROPERTY OWNER Ryan Homes

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

AMMENDED SEPTIC SYSTEM LOCATION - 10/4/99  
BEGINNING AT THE INTERSECTION OF THE 182.27' LOT LINE  
AND THE 170.71' LOT LINE, PLACE THE DISTRIBUTION BOX  
95' UP THE 170.71' LOT LINE AND 80' OFF THAT LINE.  
RUN 4-60' TRENCHES ON CONTOUR TOWARDS THE  
INTERSECTION OF THE 170.71' AND THE 182.27' LOT  
LINES - Steven R. Huey

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 40 feet off the right (188.88') lot line and 55 feet off the 170.71' lot line as seen from Open Run Court. Run trenches along contour towards the 170.71' lot line.

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

PLANS APPROVED BY Donna K. Soe DATE 6-17-1999

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.

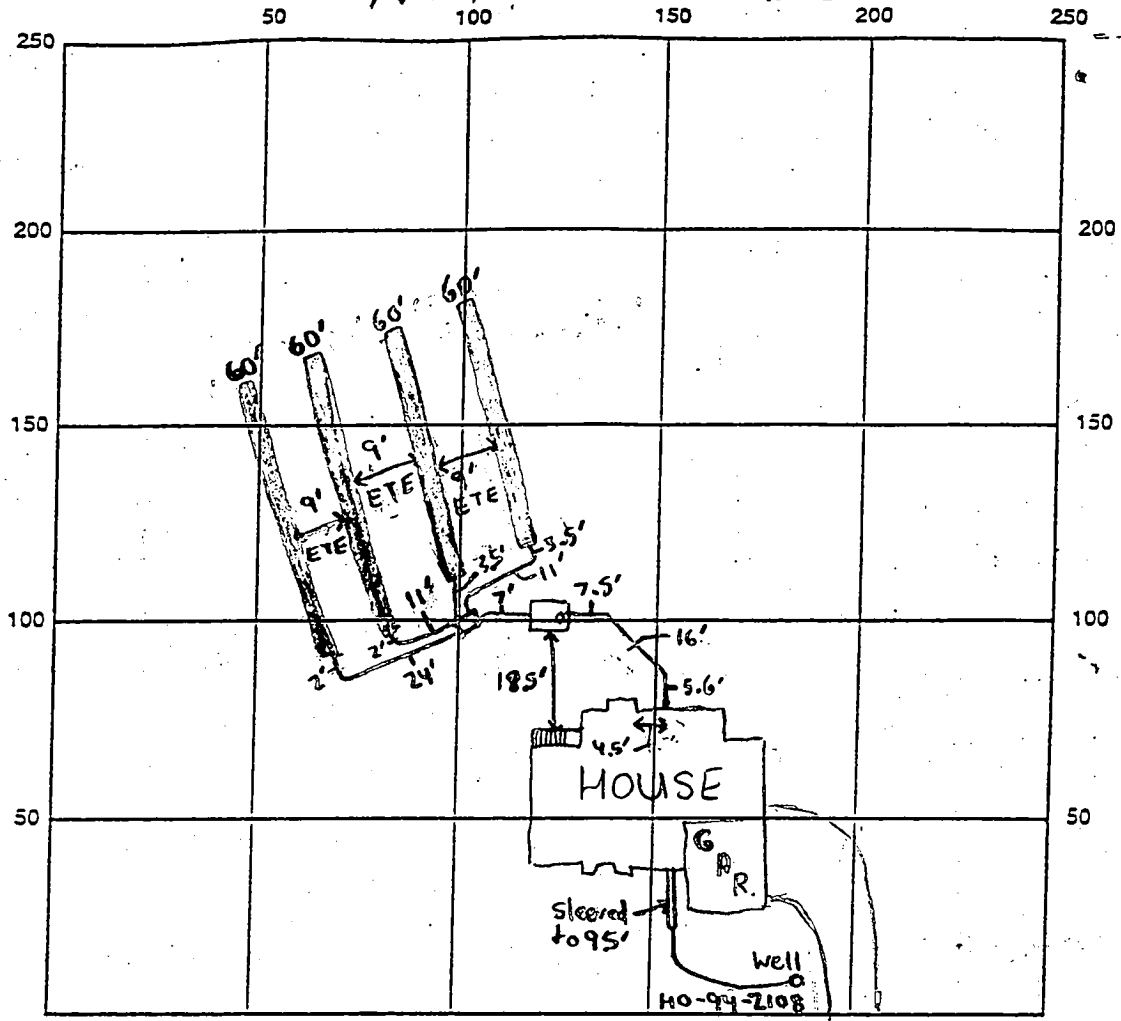
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

564301

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
OPEN RUN ROAD

SEPTIC TANK LEVEL  1250 gallon midseam CLEANOUTS 6" on Septic Tank

DISTRIBUTION BOX LEVEL  Baffle is in

DRAIN FIELD/TILE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 4 ONE-SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWELL DRYWELL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 9/27/99 - STOP WORK ORDER ISSUED BECAUSE OF PAPERWORK PROBLEM (SRW)

10/4/99 - STOP WORK ORDER LIFTED, CONTRACTOR NOTIFIED, SEE NEW DBOX LOCATION - (SRW)

10/28/99 - OK TO COVER ALL WORK, WPI OK - (SRW)

DATE SYSTEM APPROVED 10/28/99 INSPECTOR Steven R. Krieg



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HOWARD COUNTY HEALTH DEPARTMENT

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Diane L. Matuszak, M.D., M.P.H., County Health Officer

September 27, 1999

10/4/99 1:00

Attn: Ed Kampes  
Lehsac Plumbing & Heating  
202 Azar Court  
Baltimore, MD 21227

RE: Gaither Hunt, Lot 59  
12001 Open Run Court  
BP # BOO118339  
Well Tag # HO-94-2108

Dear Mr. Kampes:

This is to confirm our recent conversation, that a stop work order has been issued by this office for the septic system installation on the above referenced property.

This office needs to meet with the builder and their engineer in order to consider plan revisions before lifting the order.

Thank you for your patience with this matter and please feel free to call me if you have any further questions at (410) 313-2641.

Very truly yours,  
*Steven R. Krieg*  
Steven R. Krieg, Sanitarian  
Water and Sewerage Program

SRK

cc: Ryan Homes  
Clark, Finefrock & Sackett, Inc.  
File ✓

# APPLICATION

PERCOLATION TESTING

A 56429

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 3-27-96

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER J. Thomas Scriverney Ryan Homes

ADDRESS c/o Land Design & Development PHONE 410 740 5176

AGENT OR PROSPECTIVE BUYER Donald R. Reuwer Jr

ADDRESS 10805 Hickory Ridge Rd PHONE \_\_\_\_\_  
21044

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 28 66N 59

ROAD AND DESCRIPTION (12001 Open Run Court)

TAX MAP 29 PARCEL # 21

**BLDG. PERMIT SWIM D**

**NOT RECORDED 6-11-92**  
Lead # B07118339

SIZE OF LOT 1+ Acres TYPE BLDG. SFD - 4/Bed  
(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 \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

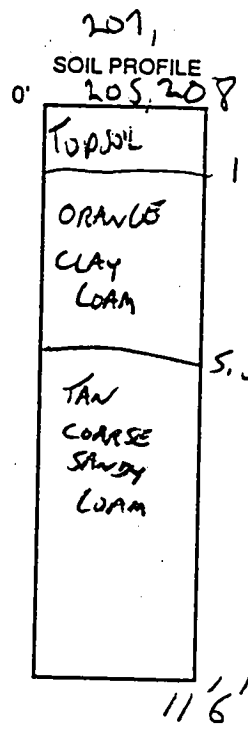
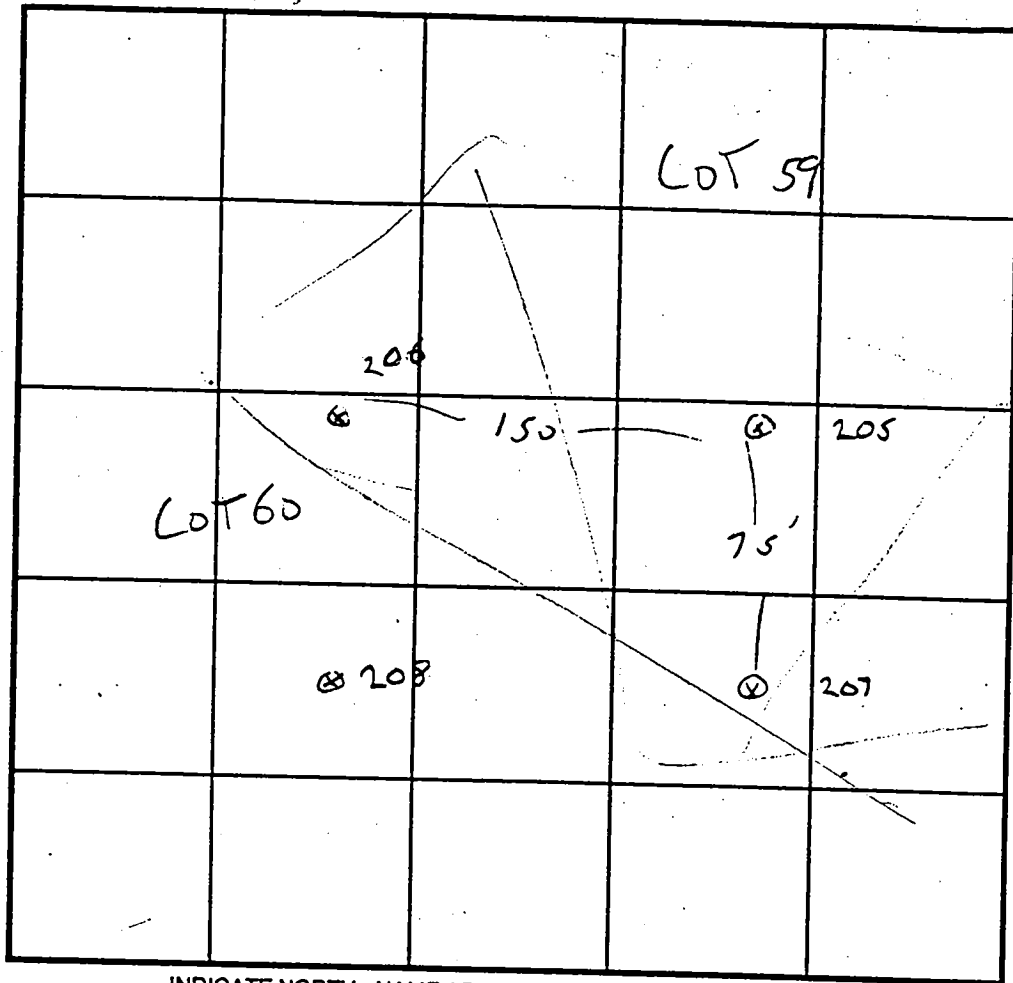
# THIS IS NOT A PERMIT

56429

COUNTY #

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

N →

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/27/96	207	4'6"	12:06	12:07	12:07	12:09	2 MIN
	205	4'6"	12:19	12:21	12:21	12:25	4 MIN
	208	4'6"	12:22	12:28	12:28	12:43	15 MIN
	206	4	12:31	12:32	12:32	12:33	1 MIN
		REPOUR	12:40	12:42	12:42	12:44	2 MIN

REMARKS LOT 28 TESTED AS STATED FOR TEST PLAT

TYPE OF SOIL 66

TESTED BY G SAVAGE ALSO PRESENT MILK, DO-REVER

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 56429

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 3-27-96

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER J Thomas Scrivener

ADDRESS c/o Land Design & Development PHONE 410 740 5176

AGENT OR PROSPECTIVE BUYER Donald R. Reuwer Jr

ADDRESS 10805 Hickory Ridge Rd PHONE \_\_\_\_\_  
21044

PROPERTY LOCATION:

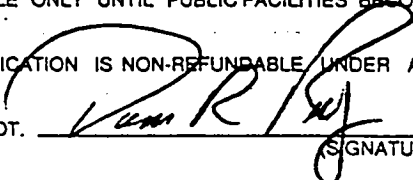
SUBDIVISION \_\_\_\_\_ LOT NO. 28 26

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 29 PARCEL # 21

SIZE OF LOT 1+ Acres 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 \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

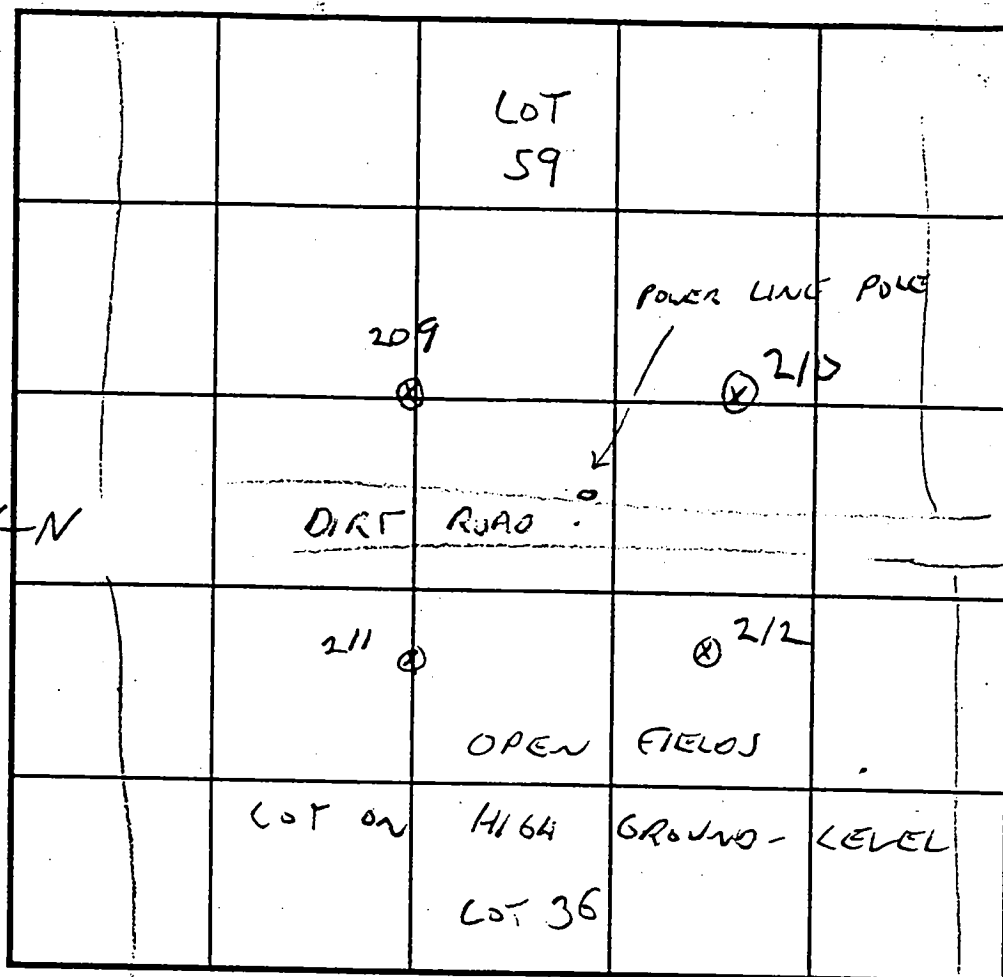
COUNTY #

SOIL PROFILE

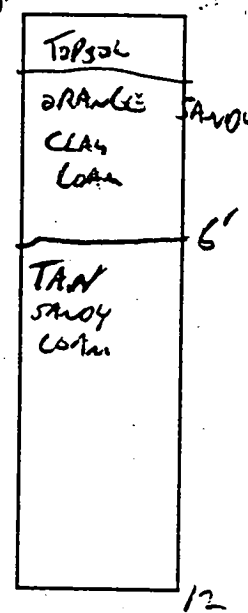
0' SOIL PROFILE

SOIL PROFILE

SOIL PROFILE



209  
210  
211  
SOIL PROFILE 212



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/27/96	209	5'	11:43	11:53	11:53	12:15	22 MIN
	211	4.5"	11:47	11:57	11:57	12:08	11 MIN
	212	4'	11:51	11:52	11:52	11:54	2 MIN
	210	4.5"	11:56	11:58	11:58	12:01	3 MIN

REMARKS LOT #36 TESTED AS STAGED FOR TEST PLANT

TYPE OF SOIL \_\_\_\_\_

TESTED BY G. SAUSAGE ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 56429

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 3-27-96

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER J Thomas Scrivener

ADDRESS c/o Land Design & Development PHONE 410 740 5176

AGENT OR PROSPECTIVE BUYER Donald R. Renner Jr

ADDRESS 10805 Hickory Ridge Rd PHONE \_\_\_\_\_  
21044

PROPERTY LOCATION:

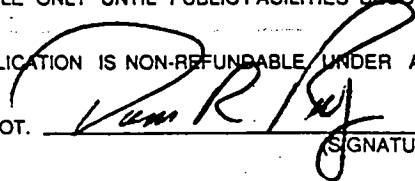
SUBDIVISION \_\_\_\_\_ LOT NO. 29 - 59 V

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 29 PARCEL # 21

SIZE OF LOT 1 + Acres 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)

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DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

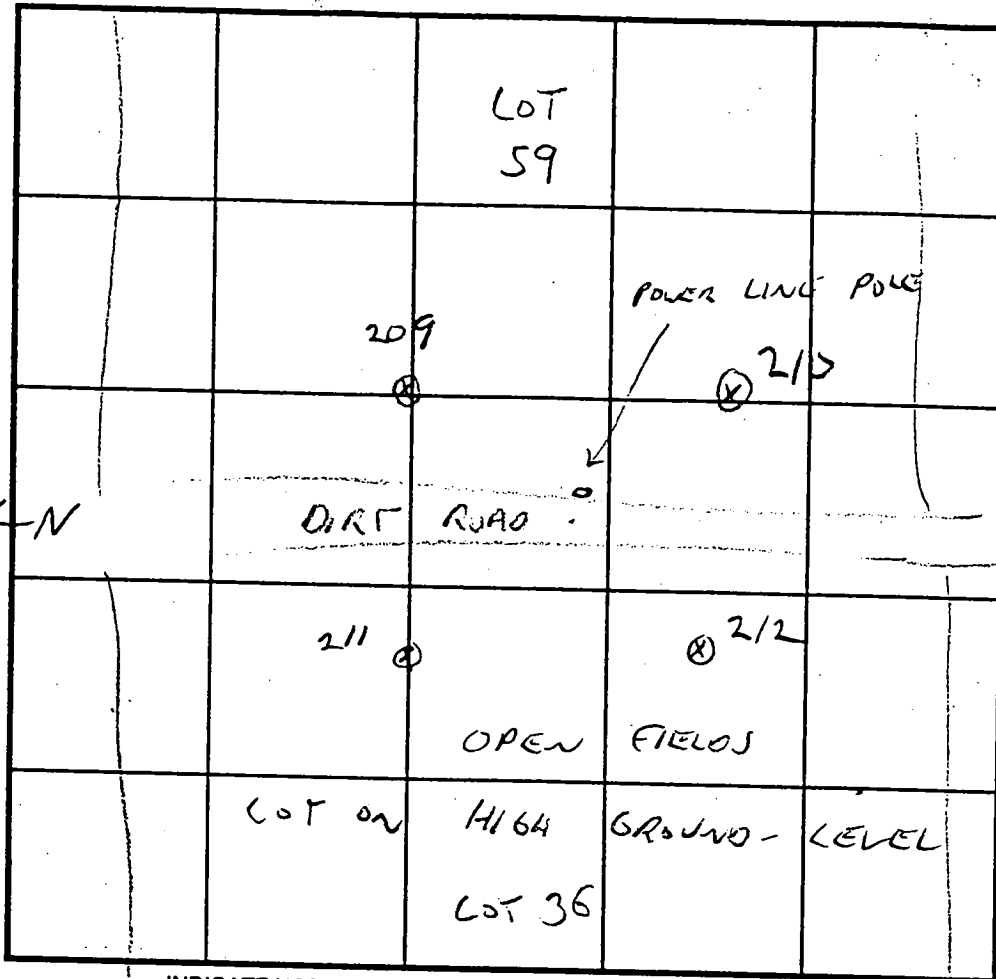
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

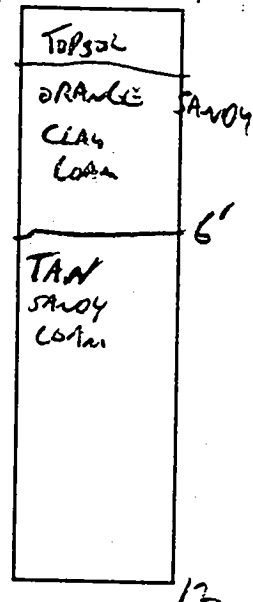
# THIS IS NOT A PERMIT

COUNTY #  
SOIL PROFILE

0'



209  
210  
211  
SOIL PROFILE 212



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/27/96	209	5'	11:43	11:53	11:53	12:15	22 MIN
	211	4.5"	11:47	11:57	11:57	12:08	11 MIN
	212	4'	11:51	11:52	11:52	11:54	2 MIN
	210	4.5"	11:56	11:58	11:58	12:01	3 MIN

REMARKS LOT 77 TESTED AS STAKED FOR TEST POINT

TYPE OF SOIL \_\_\_\_\_

TESTED BY G. SAUSAGE ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 56429

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 3-27-96

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER J Thomas Scrivener

ADDRESS c/o Land Design & Development PHONE 410 740 5176

AGENT OR PROSPECTIVE BUYER Donald R. Reuver Jr

ADDRESS 10805 Hickory Ridge Rd PHONE \_\_\_\_\_  
21044

PROPERTY LOCATION:

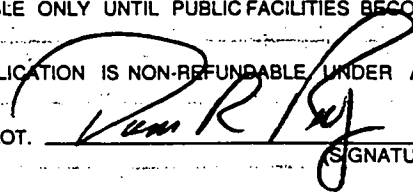
SUBDIVISION \_\_\_\_\_ LOT NO. 78-59 ✓

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 29 PARCEL # 21

SIZE OF LOT 1+ Acres 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 \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

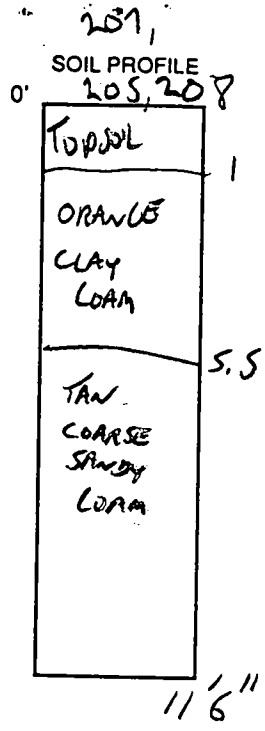
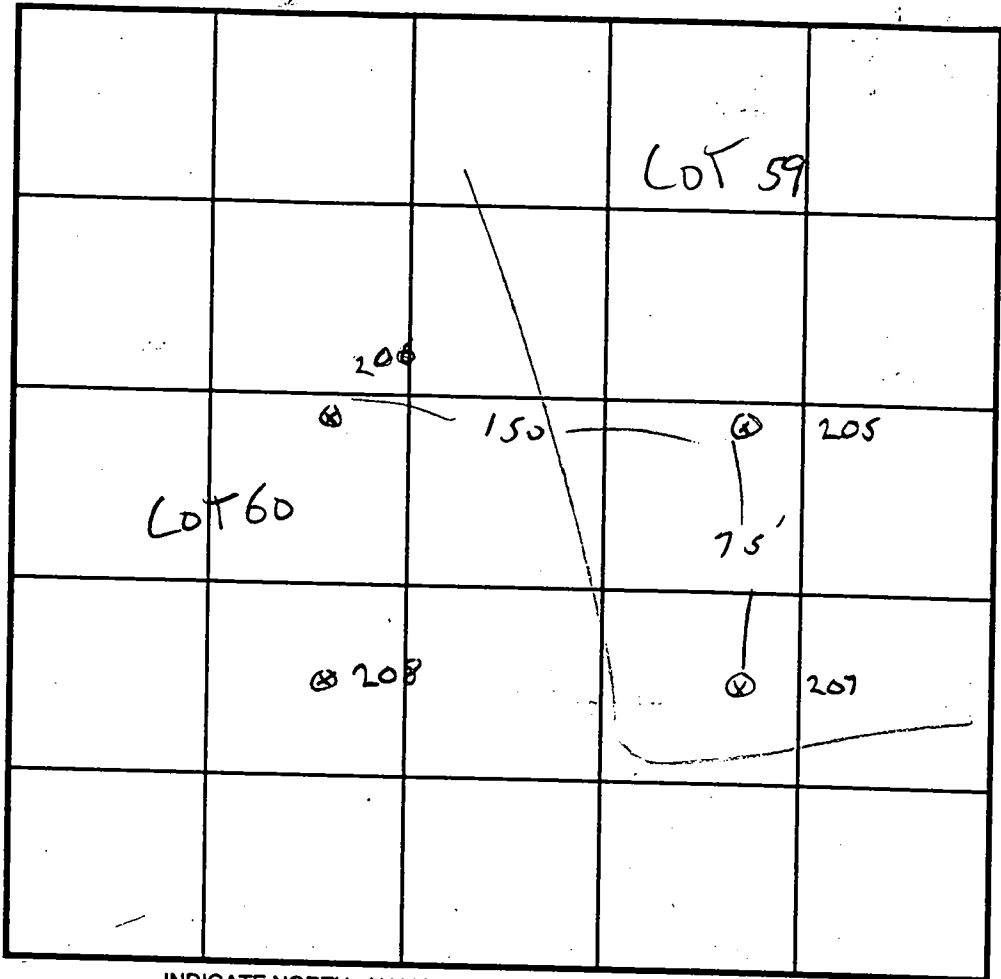
# THIS IS NOT A PERMIT

56429

COUNTY #

SOIL PROFILE

0' 26.5'



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/27/96	207	4'6"	12:06	12:07	12:07	12:09	2 MIN
	205	4'6"	12:19	12:21	12:21	12:25	4 MIN
	208	4'6"	12:22	12:28	12:28	12:43	15 MIN
	206	4	12:31	12:32	12:32	12:33	1 MIN
		REPOUR	12:40	12:42	12:42	12:44	2 MIN

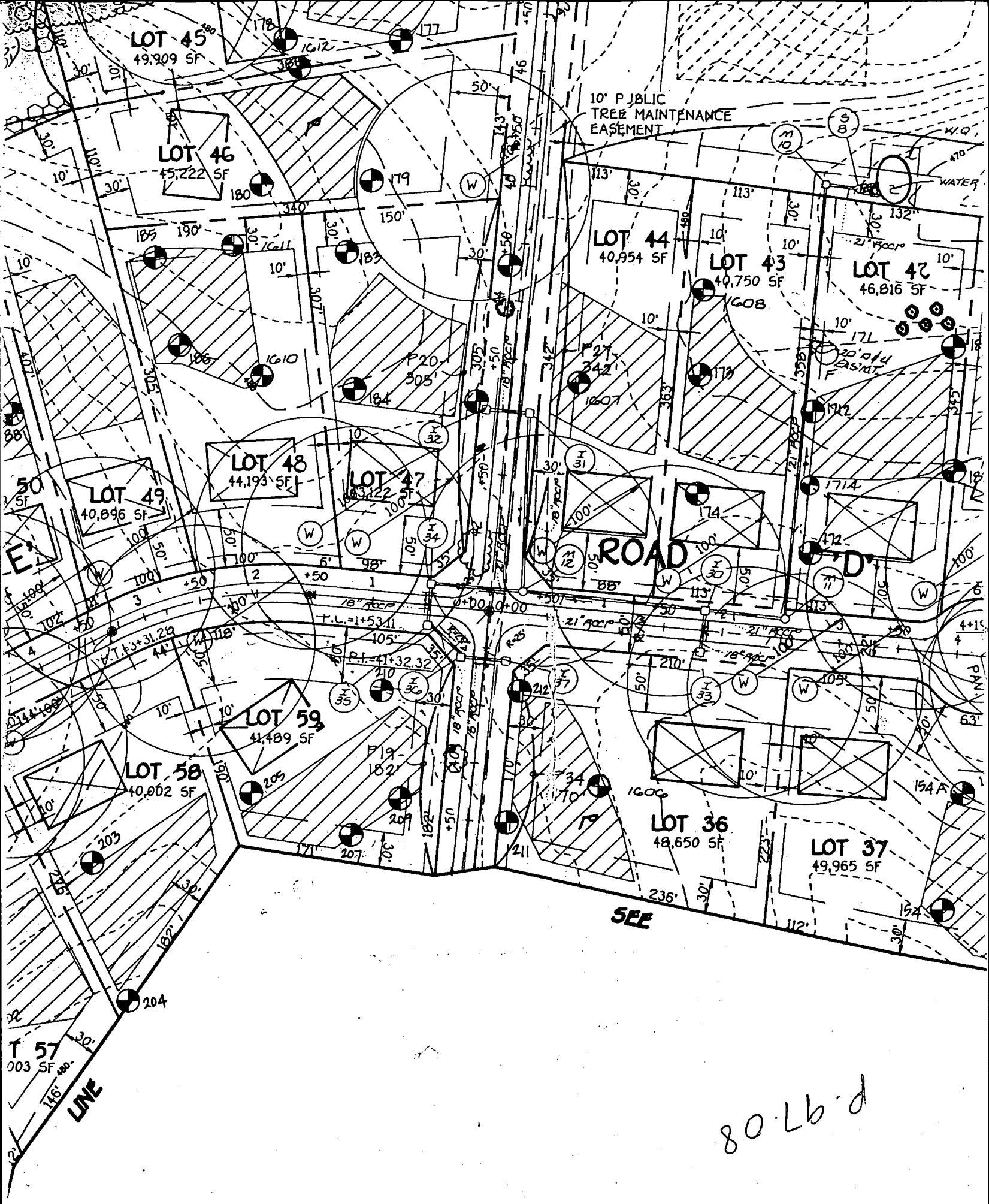
REMARKS LOT 78 TESTED AS STAGED FOR TEST PLAT

TYPE OF SOIL \_\_\_\_\_

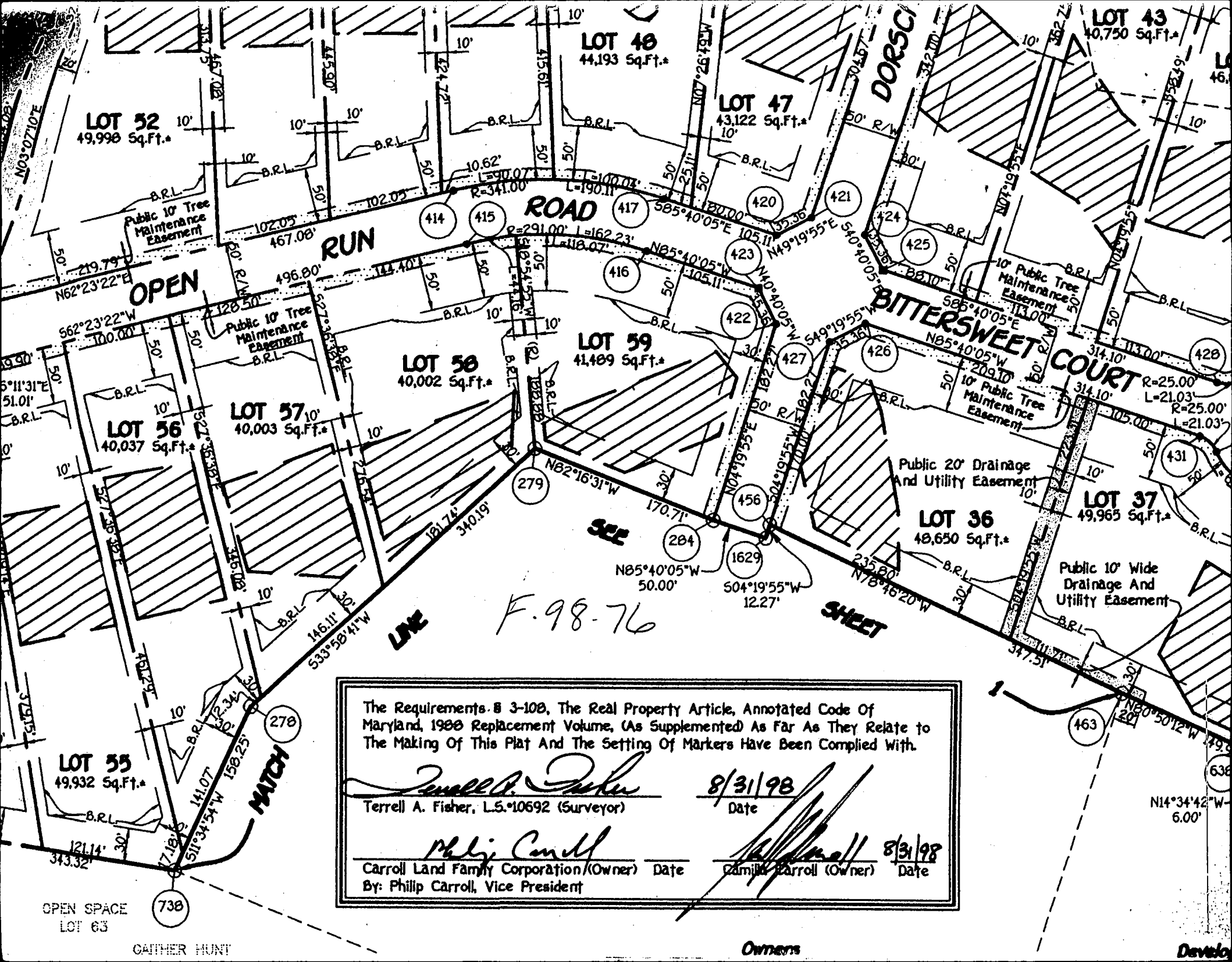
TESTED BY G. SAVAGE ALSO PRESENT MIKE, DON REVER

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



NOTE



**LOT 52**  
49,998 Sq.Ft.±

**LOT 46**  
44,193 Sq.Ft.±

**LOT 47**  
43,122 Sq.Ft.±

**LOT 43**  
40,750 Sq.Ft.±

**LOT 58**  
40,002 Sq.Ft.±

**LOT 59**  
41,489 Sq.Ft.±

**LOT 56**  
40,037 Sq.Ft.±

**LOT 57**  
40,003 Sq.Ft.±

**LOT 36**  
48,650 Sq.Ft.±

**LOT 37**  
49,963 Sq.Ft.±

**LOT 55**  
49,932 Sq.Ft.±

The Requirements, B 3-10B, The Real Property Article, Annotated Code of Maryland, 1988 Replacement Volume, (As Supplemented) As Far As They Relate to The Making Of This Plat And The Setting Of Markers Have Been Complied With.

*Terrell A. Fisher*  
Terrell A. Fisher, L.S. 10692 (Surveyor)      8/31/98  
Date

*Phillip Carroll*  
Carroll Land Family Corporation (Owner)      8/31/98  
Date  
By: Phillip Carroll, Vice President      *Phillip Carroll*  
Date

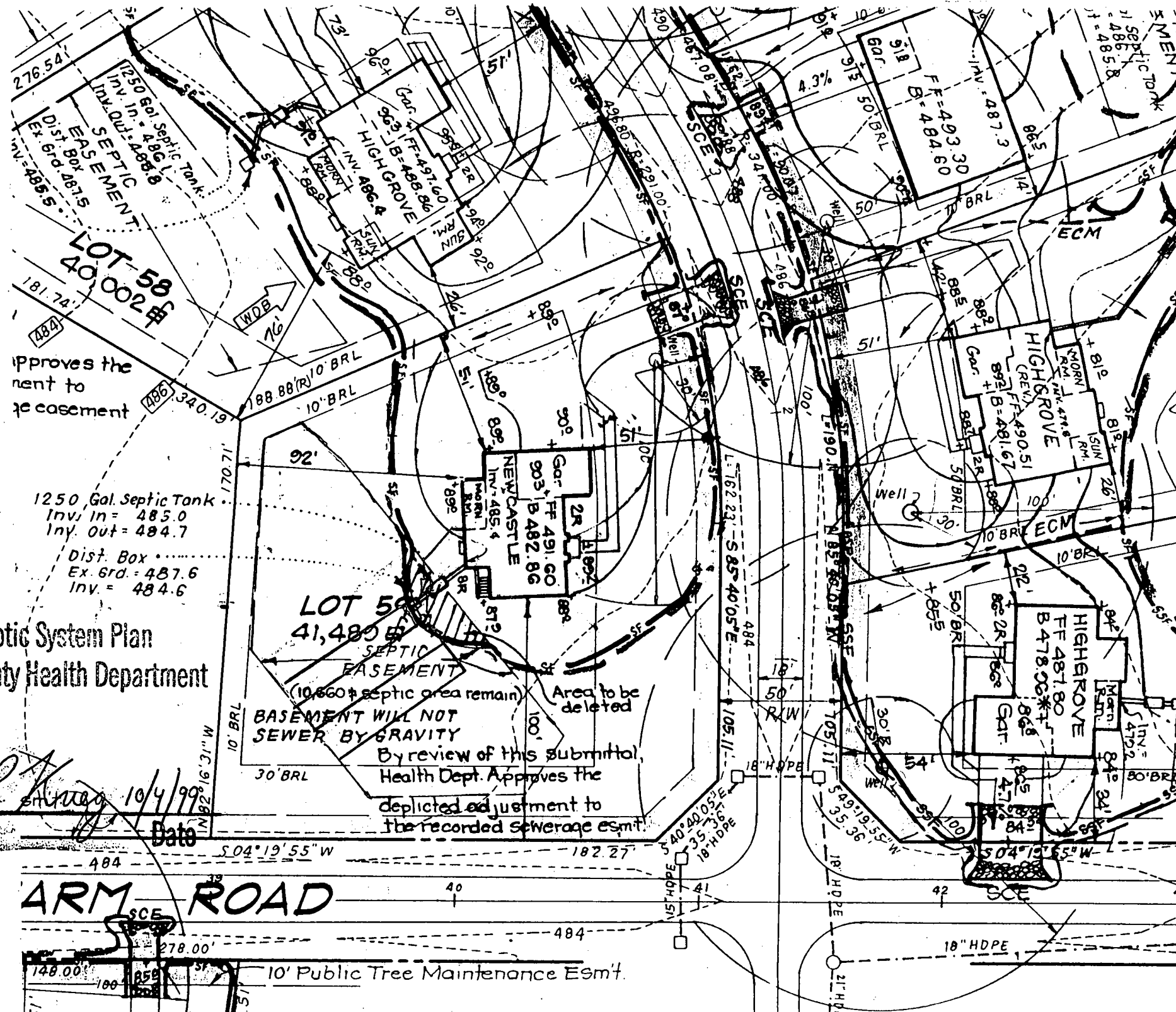
OPEN SPACE  
LOT 63

GAITHER HUNT

Owners

Develo

Lot 57  
 AMENDED  
 LOCATION  
 B00118339



1250 Gal. Septic Tank  
 Inv. In = 485.0  
 Inv. Out = 488.8  
 DIST. BOX  
 Ex. Grd. = 487.5  
 Inv. = 485.5

LOT 58  
 40,002 \$

Approves the  
 adjustment to  
 the easement

1250 Gal. Septic Tank  
 Inv. In = 485.0  
 Inv. Out = 484.7  
 Dist. Box  
 Ex. Grd. = 487.6  
 Inv. = 484.6

LOT 59  
 41,485 \$

SEPTIC  
 EASEMENT  
 (10,660 sq. septic area remain)  
 AREA TO BE DELETED  
 BASEMENT WILL NOT  
 SEWER BY GRAVITY  
 By review of this submittal,  
 Health Dept. Approves the  
 depicted adjustment to  
 the recorded sewerage esmt.

Approved Septic System Plan  
 Howard County Health Department

Signature: *Steven R. Krueger*  
 Date: 10/4/99

ARM ROAD

10' Public Tree Maintenance Esm't.

C1 9892

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A56429V

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 94-2108

OWNER Russell Del. LLC STREET OR RFD Open Run Rd TOWN ELICOTT CITY SUBDIVISION Gather Hunt SECTION F LOT 59

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Red Clay, Brown soil, Sandy Gravel, White Sandstone, Greenish Gray Granite.

GROUTING RECORD form with fields for material type (Cement, Bentonite Clay), bags, pounds, gallons, and depth of grout seal.

CASING RECORD form with fields for casing type (Steel, Concrete, Plastic, Other), nominal diameter, and total depth.

OTHER CASING (if used) form with fields for diameter and depth.

SCREEN RECORD form with fields for screen type (Steel, Brass, Bronze, Plastic, Open Hole, Other) and depth.

PUMPING TEST form with fields for hours pumped, pumping rate, method used, water level, and pump type.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

DRILLERS LIC. NO. MWD 355 DRILLERS SIGNATURE Max A. Jones LIC. NO. 1 Jub 341

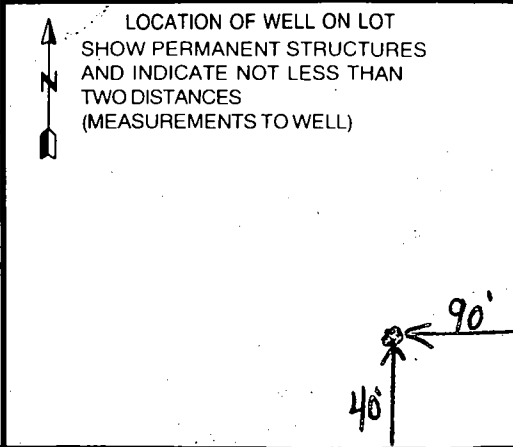
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with rows for casing and screen depths.

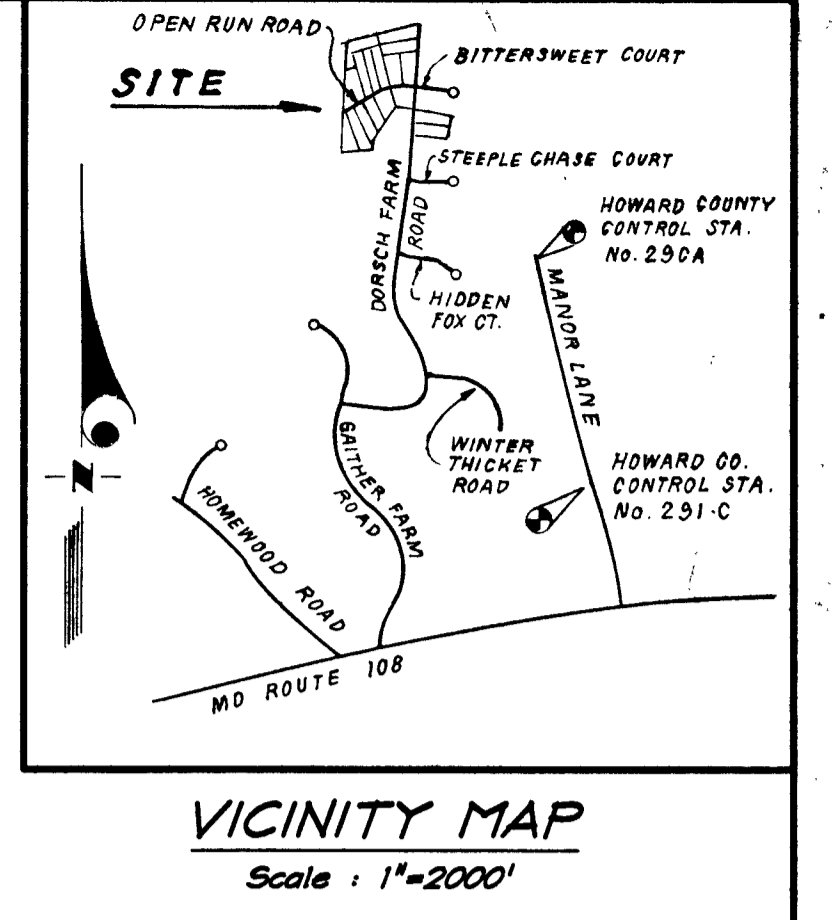
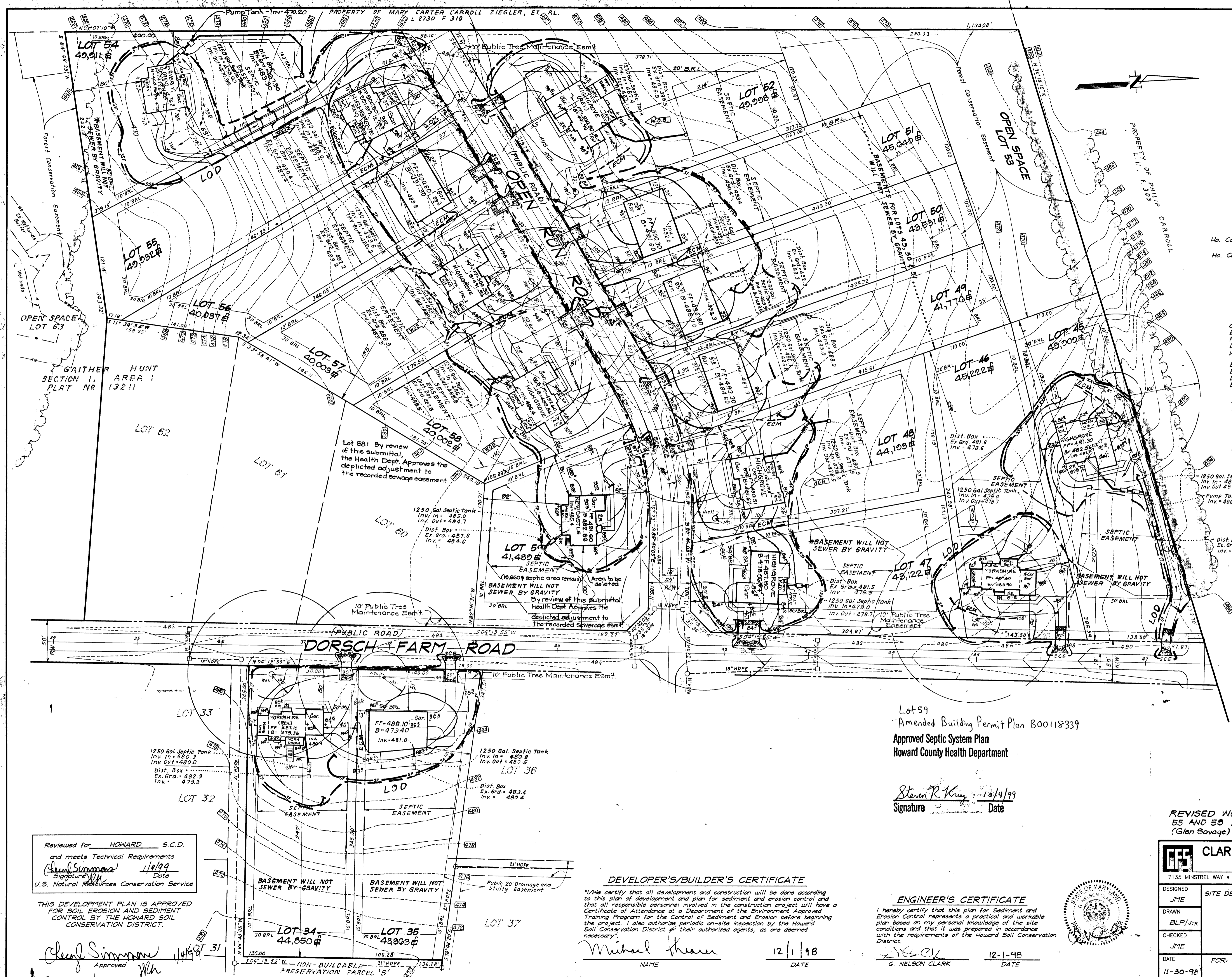
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F-IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) form with fields for telescope casing and log indicator.

PUMP INSTALLED form with fields for driller installed pump, pump type, capacity, and pump column length.



Right Prop. Line



**BENCH MARKS**  
 Ho. Co. Monument No. 290A = N17515.9070(meters) Elev.=410.06  
 E409509.9057(meters)  
 Ho. Co. Monument No. 291C = N174444.5640(meters) Elev.=426.45  
 E409606.2391(meters)

**LEGEND**

CONTOUR INTERVAL	2 FT.
EXISTING CONTOUR	---
PROPOSED CONTOUR	---
DIRECTION OF DRAINAGE	---
WALK-OUT BASEMENT	---
EXISTING SEWER MAIN	---
EXISTING WATER MAIN	---
EXISTING STORM DRAIN	---
EXISTING TREES TO REMAIN	---
BUMPER DIVERSION FENCE	---
SUPER SILT FENCE	---
SILT FENCE	---
EROSION CONTROL MATTING	---
TREE PROTECTION FENCE	---
LIMIT OF DISTURBANCE	---
STABILIZED CONSTRUCTION ENTRANCE	---

17	Rev sept. asmt. per HoCo Health	0-28-00
16	Rev tree & grid lot 47 from Box to Highgrove	0-28-00
15	Rev. Hse. & grids. Lot 46 to add 9' Car Gar. & P.F.	7-25-00
14	Rev. Dist. Box loc. & elev., septic tank and add pump tank per Ho. Co. Health Dept. comment lot 46	7-0-00
13	Rev. dist. box loc. & elev. as per Health Dept. comments	7-0-00
12	Rev hse. loc. & sep. field as per Health Dept. as per 10/1/00	7-1-00
11	Rev. Hse. location lot 52, move 9' closer to D. Farm Rd.	6-17-00
10	Rev Hse. & grid lot 52. From Box to HIGHGROVE (REV.)	5-24-99
9	Rev Hse. & grid lot 54. From Box to WANDERLY (REV.)	5-24-99
8	Rev Hse. & grid lot 53. From Box to HIGHGROVE	5-21-99
7	Rev B.R.L's Lots 45, 51 & 52 per recorded Rec. Plots	5-14-99
6	Rev. Hse. & grid lot 48. From Box to HIGHGROVE.	5-14-99
5	Rev Hse. & grid lot 45. From Box to HIGHGROVE.	4-14-99
4	Rev Hse. & grid lot 46. From Box to YORKSHIRE	4-14-99
3	Rev Hse. & grid lot 34. From Box to YORKSHIRE.	4-1-99
2	Rev hse. & grids lot 55 from Box to Highgrove (Rev) and lot 52 from Box to Newcastle	3-23-99
1	Rev hse. & grid lot 67. From Box to HIGHGROVE	3-23-99

**REVISIONS**

REVISED WELL LOCATIONS FOR LOTS 47, 49, 50, 55 AND 58 APPROVED BY Ho. Co. HEALTH DEPT (Glen Savage) ON 12-1-98

Reviewed for HOWARD S.C.D.  
and meets Technical Requirements  
Cheryl Simmons 1/14/99  
Signature Date  
U.S. Natural Resources Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Cheryl Simmons 1/14/99  
Approved  
Signature

**DEVELOPER'S/BUILDER'S CERTIFICATE**

"I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

Michael Thayer 12/1/98  
NAME DATE

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

G. Nelson Clark 12-1-98  
Signature DATE



**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS PLANNERS • SURVEYORS  
7135 MINSTREL WAY • COLUMBIA, MD 21045 (410) 381-7500 BALT. • (301) 621-8100 WASH.

DESIGNED	JME	SITE DEVELOPMENT, SEDIMENT & EROSION CONTROL PLAN	SCALE	1" = 50'
DRAWN	BLP/JTR	LOTS 34, 35, 45-52 & 54-59	DRAWING	1 of 2
CHECKED	JME	<b>GAITHER HUNT</b>	JOB NO.	98-009
DATE	11-30-98	SECTION 1 AREA 2	FILE NO.	98-009X
		SECOND (2ND) ELECTION DISTRICT		
		HOWARD COUNTY, MARYLAND		
		FOR: Ryan Hames, Inc.		
		1460 Cranridge Drive, Suite 128		
		Quings Mills, Maryland 21117		

GP-99-108

B 1 5143

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2108 fill in this form completely

Date Received (APA) 01/26/99

OWNER INFORMATION

Russell Development L.L.C. 8808 Centre Park Dr. Suite 209 Columbia MD 21045

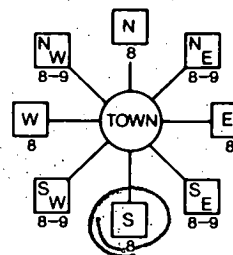
B 3 LOCATION OF WELL

Howard County Gaither Hunt Ellicott City 4 miles from town

DRILLER INFORMATION

MICHAEL BARLOW MW D 355 MICHAEL BARLOW Well Drilling Inc 912 Fawn Ct Joppa MD 21085

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Open Run RD 25 distance from road 25 ft

B 2 WELL INFORMATION APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co AS64294 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 02/11/99

APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTary AIR-PERCussion (circled) ROTARY (Hydraulic Rotary) CABLE Reverse-ROTary Drive-POINT

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEIN AN EXISTING WELL

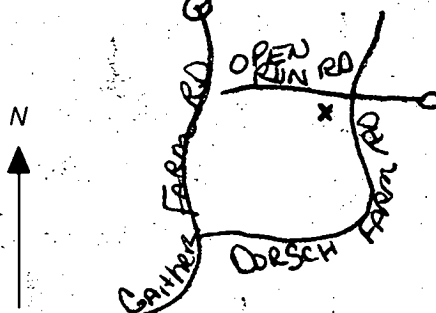
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. 2. 3.

3/27/99 10:00 NO INSP MR X

WRITE THE BOX NUMBER FROM THE MAP HERE

E 830 N 515

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 GAP 63 PERMIT No. HO-94-2108

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

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

~~461-9853~~  
313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date \_\_\_\_\_

Name of Installer LEHSAC CORP

Telephone 410-242-6888

License Number 3344

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner RYAN

Telephone 410-242-6888

Subdivision GAITHER HUNT Lot # 59

Well Tag # HO-94-2108

Site Address 12001 OPEN RUN CT

Pump

- Type
  - Deep well jet \_\_\_\_\_
  - Shallow well jet \_\_\_\_\_
  - Submersible
- Make JACOZZI
- Model # F7S4712B-S2
- Capacity 7 GPM
- Pump exceeds well capacity Yes \_\_\_\_\_ No
- If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other \_\_\_\_\_

Motor

- Horsepower 3/4
- RPM \_\_\_\_\_
- Voltage \_\_\_\_\_
  - 110 \_\_\_\_\_
  - 220

Pitless Adapter

- Make WILKINS
- Model # \_\_\_\_\_
- Depth 421

Tank

- Capacity 86 GAL
- Pressure relief valve? YES

Piping

- Type 160 10
- Size 1"
- NSF and/or BOCA Code approved
- Depth of supply line 42"

Well data

- Depth 200 ft.
- Yield 12 GPM
- Static water level 61 ft.
- Will water supply be disinfected by installer?

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.

10/28/99 - WPION (SRW)

Signature of Applicant: [Signature]

Date: 11/13/99

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