

10-17-00  
10:00 layout

# PERMIT

P 514255

SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

A 58993-I

ISSUE DATE 9/15/2000

04-364309

APPROVAL DATE 10/18/00

INDEXED

Hatfields Equipment

IS PERMITTED TO INSTALL  ALTER

ADDRESS 13785 Burntwoods Road, Glenelg, MD 21737 PHONE 301-854-6172

UBDIVISION Cattail Ridge LOT NUMBER 9 ADDRESS 3608 Clear Drive Court

PROPERTY OWNER Williamsburg Group LLC PROPERTY OWNER'S ADDRESS P.O. Box 1018

SEPTIC TANK CAPACITY 1500 GALLONS Columbia, MD 21044

PUMP CHAMBER CAPACITY N/A GALLONS

NUMBER OF BEDROOMS 5 \*\* TOP SEAMED SEPTIC TANK REQUIRED \*\*

SQUARE FEET PER BEDROOM 210

LINEAR FEET OF TRENCH REQUIRED 295

TRENCHES: Trenches to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. 4 feet of stone below distribution box.

LOCATION: Begin trenches 125 feet down the right lot line and 140 feet off that same lot line as seen when facing the lot from Clear Drive Court. Run trenches on contour in both directions. OK/MR

PLANS APPROVED Amy McMillen DATE 6/9/2000

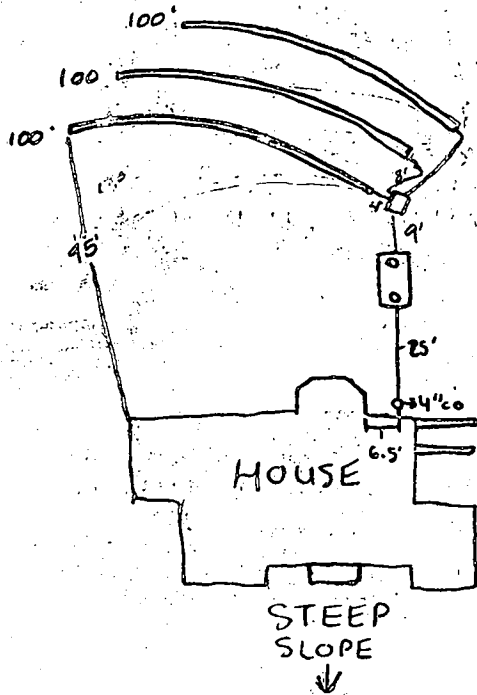
PERMIT VOID AFTER 2 YEARS

- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED
- NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES
- NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A58993I

NOT TO SCALE



CLEAR DRIVE COURT

**TRENCH DATA**

TRENCH WIDTH 2.0  
 TRENCH INLET DEPTH 3.0  
 TRENCH BOTTOM DEPTH 7.0  
 DEPTH OF STONE 4.0  
 NUMBER OF TRENCHES 3  
 TOTAL TRENCH LENGTH 300'  
 ABSORBENT AREA 1200  
 DISTRIBUTION BOX LEVEL OK  
 BAFFLE IN DISTRIBUTION BOX OK

**SEPTIC TANK DATA**

SEPTIC TANK 1500 T.S. GALLONS  
 MANHOLE RISER OK  
 6 INCH INSPECTION PORT OK

**PUMP CHAMBER DATA**

PUMP CHAMBER GALLONS N/A  
 MANHOLE RISER \_\_\_\_\_  
 ALARM \_\_\_\_\_  
 PUMP PERFORMANCE TEST \_\_\_\_\_

PRE-CONSTRUCTION INSPECTION: 10/17/00-OK TO PROCEED AS DISCUSSED, AREA STAKED  
RUN 3x100' TRENCHES ON CONTOUR TOWARDS LEFT LOT LINE, OK TO RUN OUT OF  
SEPTIC AREA, ADEQUATE SETBACK FROM PROPOSED POOL WILL BE MAINTAINED (SRV)  
 INSPECTION COMMENTS: \_\_\_\_\_

INSPECTOR A. C. McMiller DATE SYSTEM APPROVED 10/18/00

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Charles A Klein & Sons, Inc. Telephone #: (410) 549-6960  
Address: 5220 KLEIN MILL ROAD  
SPRINGVILLE, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print) CHARLES A KLEIN, JR. Licenses 6521

\*A Licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner William & Mary Thompson Telephone # (410) 997-8800  
Subdivision: Cottage Ridge Lot #: 9 Well Tag #: HO-94-2412  
Site Address: 3608 CLEAR DRIVE COURT

Submersible Pump Data

Make: JACOZZI  
Model #: 5575-13P-52  
Pump Capacity 5 GPM  
Well Yield: 15 GPM

Pitless Adapter

Make: HARVEY  
Model #: PF-800  
Depth: 42" (36" min)  
NSF approved:

Well Cap and Electric Conduit

Two piece watertight cap:   
Screened, vented well cap:   
Cap secured to casing:   
Conduit min 18" R.G.:   
Conduit secured to well cap:

Depth of well encountered at time of pump installation: 16.5 (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque armors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

Piping to house

Type: POLYETHYLENE  
PSI: 1/2" (160 psi min)  
Depth of supply line: 1.5 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: Yes  
Approximate length of sleeve: \_\_\_\_\_  
Slave caulked and sealed properly:

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Charles A Klein Jr.  
Signature of company representative responsible for installation  
CHARLES A. KLEIN, JR.

date \_\_\_\_\_

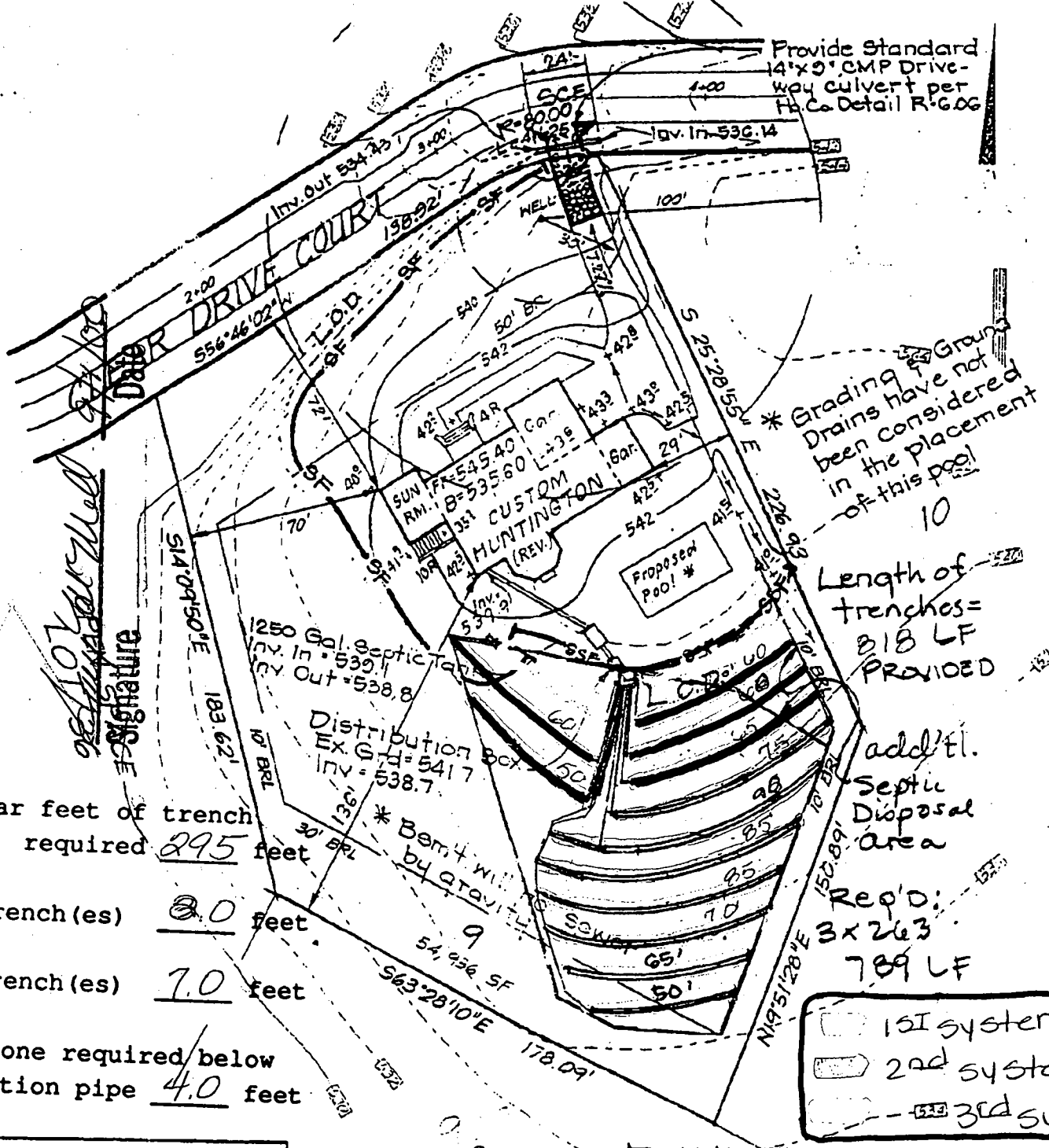
For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 11/13/00 Date Insp. Approved: 11/13/00

- Inspection Data: Pitless adapter and water supply line at least 36" below grade
- Two piece cap installed and attached to casing securely
- Elec. conduit extends at least 18" below grade/attached to cap properly
- Safety rope installed inside of well casing
- Correct well tag attached properly and casing 8" above finished grade
- Water supply line sleeved adequately at house connection
- Adequate grout observed below pitless adapter

RP  
BB

Approved Septic System Plan  
Howard County Health Department  
Revised



Total linear feet of trench required 295 feet

Width of trench(es) 2.0 feet

Depth of trench(es) 7.0 feet

Depth of stone required below distribution pipe 4.0 feet

Legend:

- 1st system
- ▭ 2nd system
- 3rd syst

Need for HOWARD SCD  
Technical  
J. J. Kelly 2/99  
Resources Service

DEVELOPMENT PLAN IS APPROVED  
BY THE HOWARD SOL  
DIVISION DISTRICT.

John R. Robertson 6/22/99

8	Rev. hse. loc. & grad. lot 9	
7	Remove note & limits of adjustment, lots 20 & 21	6-30
6	Add note about rev'd. sewer disposal esmt. to lots 20 & 21	6-2-0
5	Rev. hse. & grad. lot 15 from Box to Custom D-II	5-31
4	Rev. hse. & grad. lot 9 from Box to Custom Huntington (Rev.)	4-16-
3	Rev. SDP. Per Recorded Howard County Rec. Plat	4-10
2	Rev Hse & Grd lot 20 from Box to Dorchester (Rev.) Rev Septic Area & Add TRENCHES	
1	Rev. Hse & Grd lot 21 from Box to WYTHE	

NOT TO SCALE





P.O. Box 1018 • Columbia, Maryland 21044  
(410) 997-8800 • Fax (410) 997-4358

#25  
CR 2638  
CR 33560

July 20, 2000

Ms. Avis Corbin  
Chief, Licenses and Permits  
Howard County, Maryland  
3430 Court House Drive  
Ellicott City, Maryland 21043

REF: Building Permit No. B00124632

Dear Ms. Corbin,

The above referenced permit is for 3608 Clear Drive Court, subdivision of Cattail Ridge. Please be advised that the customer purchasing this home has requested that The Williamsburg Group revise the location of the foundation.

I have attached four copies of the site plan (GP99-206) showing this revision. Should you have any questions or require additional information, please do not hesitate to contact me at 410/997-8800 Ext. 133.

Sincerely,

Suzanne P. Davis  
Administrator  
THE WILLIAMSBURG GROUP L.L.C.

Relocation Approved  
7-21-00  
DPZ Joe Pettit

Relocation OK  
7/21/00 M. Riskin  
How. Co. Health

MARYLAND'S AWARD WINNING HOMEBUILDER

# APPLICATION

PERCOLATION TESTING

A 58993

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 9-25-97

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 Scribner

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER c/o LIDAD

ADDRESS 10805 Hilberry Ridge Suite 205 PHONE 410-740-2102  
Columbia, MD 21041

PROPERTY LOCATION:  
SUBDIVISION Han Pei LOT NO. 17

ROAD AND DESCRIPTION Rte 97

**BLDG. PERMITS SIGNED**  
**AND RETURNED 6/4/00**  
B00124632 SFS-4BRMS

TAX MAP 21 PARCEL # 1339 3

SIZE OF LOT 1.22 TYPE BLDG. SFD (38 LOTS)  
(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 504

0'

red brown SiCLM

---

3.0

Pink Si Salm  
10% Rx  
some orange

---

12.0

510

3.5

red brown SiCLM

---

lgt brown Si Salm  
decayed SS  
white & or. lg. grained sand

---

12.0

511

3.5

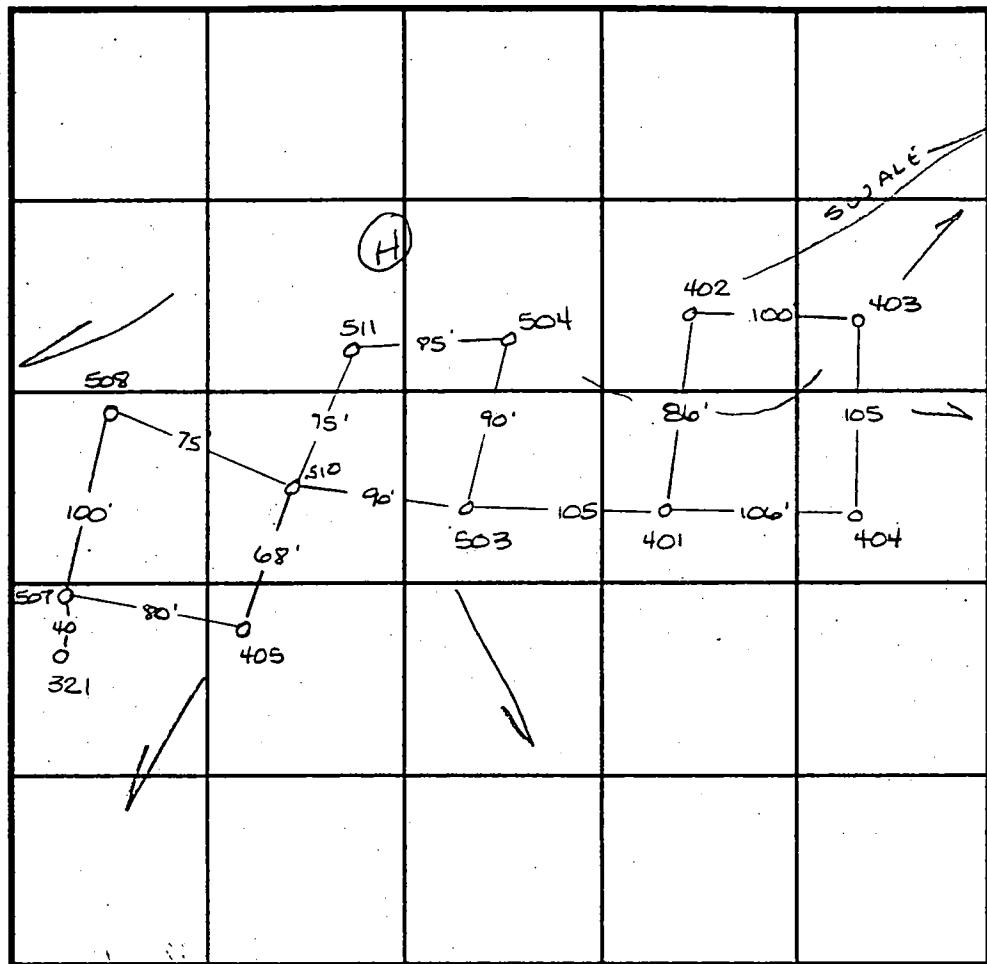
dark red SiCLM

---

red brown Si Salm  
25% decayed  
Sand Stone

---

11.0



SOIL PROFILE 507

0'

dark red SiCLM

---

3.5

lgt tan Salm  
grey decayed  
Sand Stone  
10% refusal

---

9.0

Rt. 97

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Proposed Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-9-98	504	4.0 V12.0	11:04	11:10	11:10	11:19	9min
	510	Visual	to 12.0 - see profile		—		OK
	511	4.0 V11.0	10:57	11:01	11:01	11:08	7min
	507	3.5 V9.0	10:42	10:50	10:50	11:05	15min

REMARKS \_\_\_\_\_

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

TESTED BY Amy McMillen ALSO PRESENT \_\_\_\_\_

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

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

# APPLICATION

## PERCOLATION TESTING

A 58993

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 9-25-97

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 Scribner

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER c/o LDD

ADDRESS 10805 Hillbary Ridge Suite 205 PHONE 410-740-2100  
Columbia, MD 21041

PROPERTY LOCATION:

SUBDIVISION Haan Reil LOT NO. 51617

ROAD AND DESCRIPTION Rte 97

TAX MAP 21 PARCEL # ~~1339~~ 3

SIZE OF LOT 1.66 TYPE BLDG. SFD (38 LOTS)  
(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 \_\_\_\_\_

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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

LOT 35

COUNTY #

SOIL PROFILE 403

0' beige brn SiCLM  
 2.0 orange red SiLM  
 4.5 lgt pink SiSaLM  
 7.0 30% Rx blk whk faces  
 9.0 red brn SiLM  
 2.0

404 401

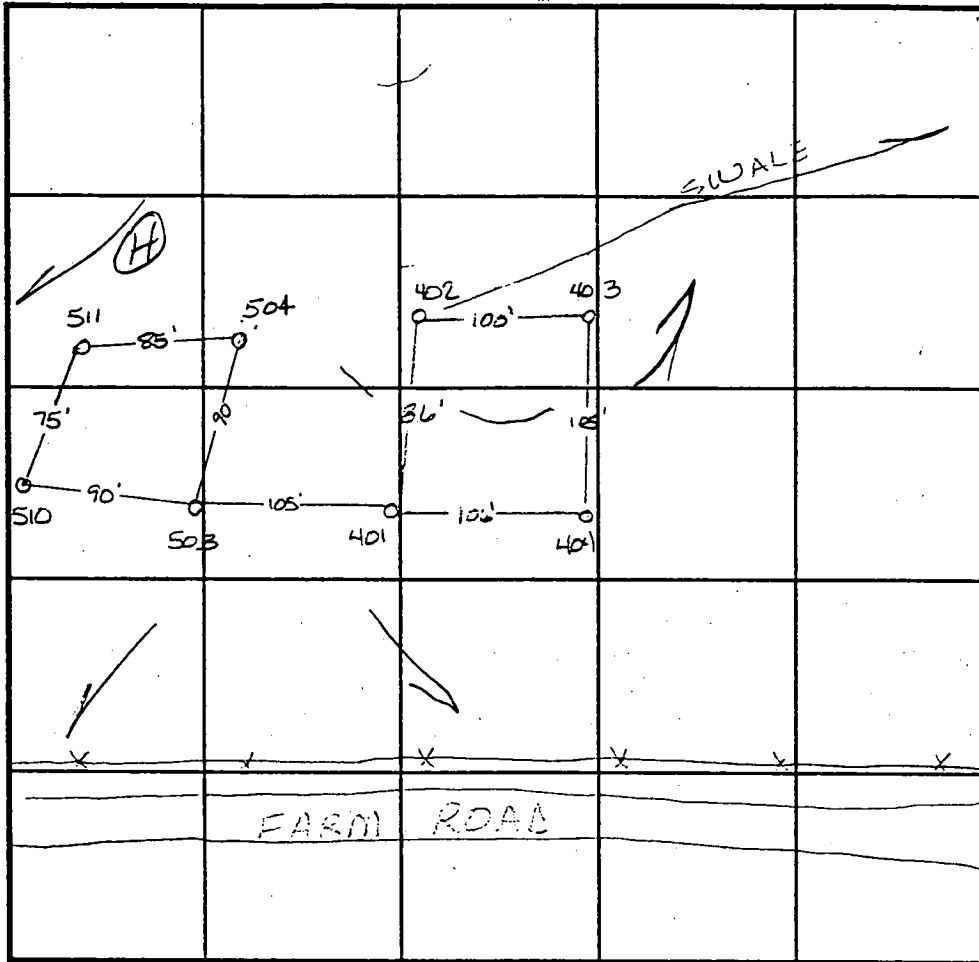
red brn SiCLM  
 3.0 lgt pink SiSaLM  
 15% very decayed Saprobite  
 2.0

402

yellow brn SiCLM  
 3.5 lgt tan micaceous SaSiLM  
 <5% Rx  
 13.0

SOIL PROFILE 503, 508

0' dark red brown SiCLM  
 3.0 dark red brown SaSiLM  
 10% Rx  
 12.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-31-97	403	3.5 √12.5	12:03	12:08	12:08	12:18	10min
		6.5 √12.5	12:02	12:03	12:03	12:05 <sup>30</sup>	2 1/2 min
	404	4.0 √12.0	12:42 <sup>45</sup>	12:46	12:46	12:53	7min
		7.0 √12.0	12:42	12:45	12:45	12:49	4min
	401	4.0 √12.5	12:47 <sup>30</sup>	12:53	12:53	12:57	4min
		4.5 √13.0	12:55	12:58	12:58	1:01	3min
2-9-98	503	Visual	to 12.0 - see profile		—		OK
	508	4.0 √12.0	10:48	10:57	10:57	11:12	15min

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY Amy McMillen ALSO PRESENT D Reuver  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT/BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Cattail Ridge LOT NO. 9/10

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

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

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 \_\_\_\_\_

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

(A)

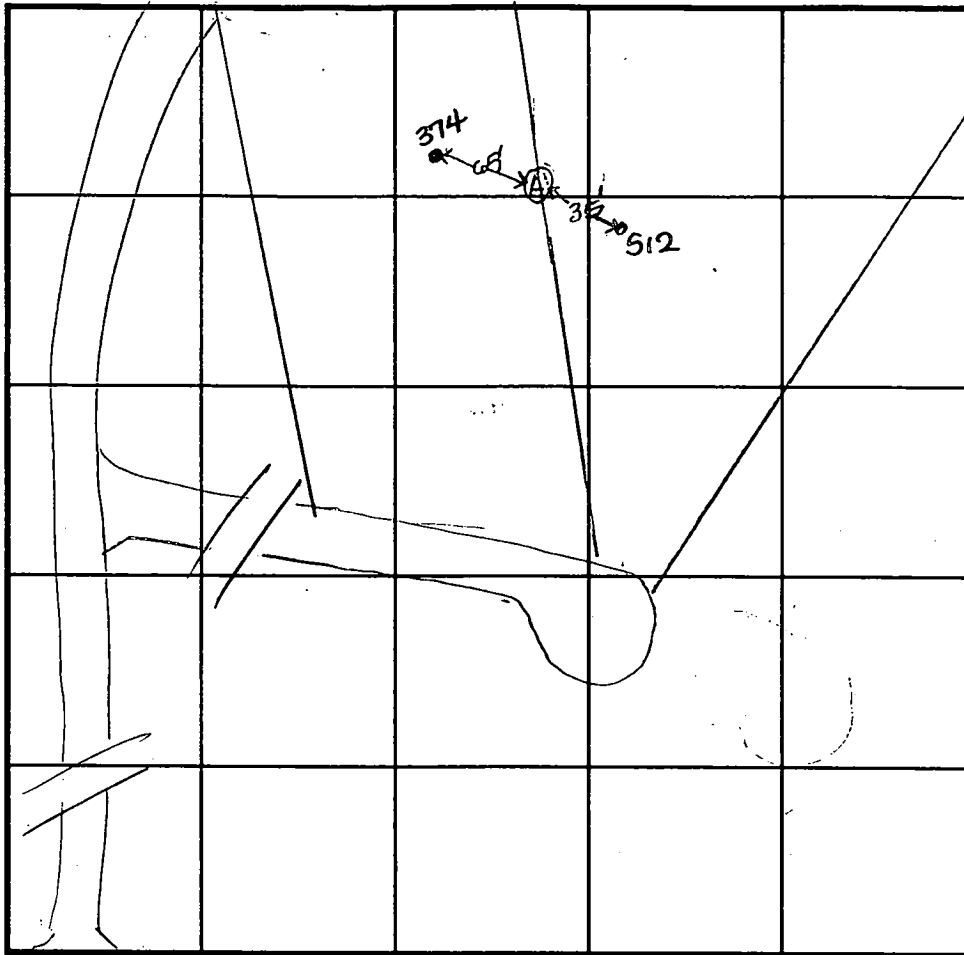
topsoil

org brn  
cl lm

pale  
org bedg  
sa lm

25-30%  
R<sub>x</sub>  
stog

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-18-98	A	12.5' D	Visual				OK

REMARKS \_\_\_\_\_

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

TESTED BY D. See ALSO PRESENT \_\_\_\_\_

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

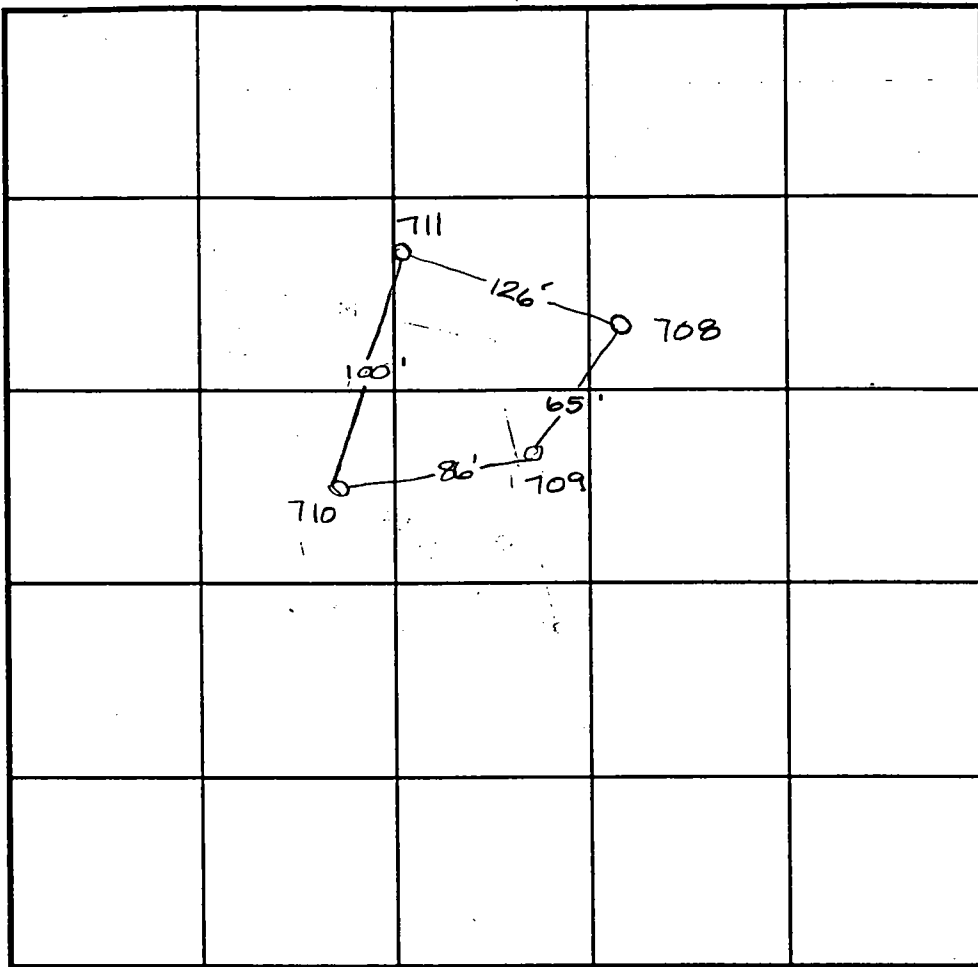
INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

LOT 6 (5198)

COUNTY #

SOIL PROFILE

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-9-98	711	>50% Rx @ 6.0			insufficient		
		depth to bedrock					F
	708	>50% Rx @ 5.0			insufficient		
		depth to bedrock					F
	709	Refusal @ 4.0'			insufficient		
		depth to bedrock					F
	710	>50% Rx @ 5.0			insufficient		
		depth to bedrock					F

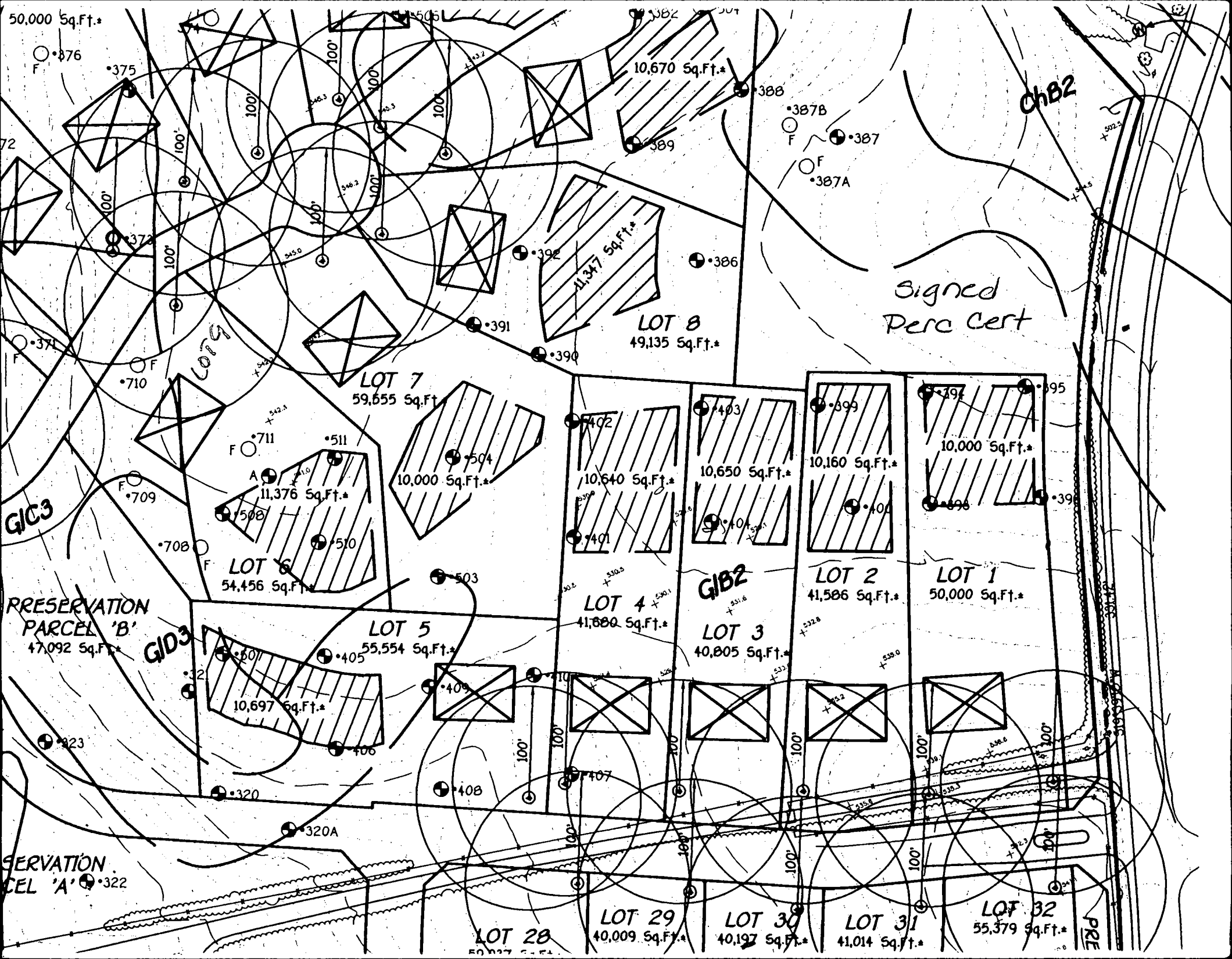
REMARKS \_\_\_\_\_

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

TESTED BY Amy McMillen ALSO PRESENT Don Reusser

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

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



50,000 Sq.Ft.\*

•376  
F

•375

10,670 Sq.Ft.\*

•388

•387B

•387

F

•387A

ChB2

11,347 Sq.Ft.\*

•386

LOT 8  
49,135 Sq.Ft.\*

Signed  
Perc Cert

LOT 7  
59,655 Sq.Ft.\*

•711  
A  
11,376 Sq.Ft.\*

•504  
10,000 Sq.Ft.\*

•402  
10,640 Sq.Ft.\*

•403  
10,650 Sq.Ft.\*

•399  
10,160 Sq.Ft.\*

•394  
10,000 Sq.Ft.\*

LOT 6  
54,456 Sq.Ft.\*

LOT 5  
55,554 Sq.Ft.\*

LOT 4  
41,680 Sq.Ft.\*

LOT 3  
40,805 Sq.Ft.\*

LOT 2  
41,586 Sq.Ft.\*

LOT 1  
50,000 Sq.Ft.\*

•320  
10,697 Sq.Ft.\*

•405

•406

•407

•408

•409

RESERVATION  
PARCEL 'B'  
47,092 Sq.Ft.\*

RESERVATION  
PARCEL 'A'  
•322

LOT 28  
40,009 Sq.Ft.\*

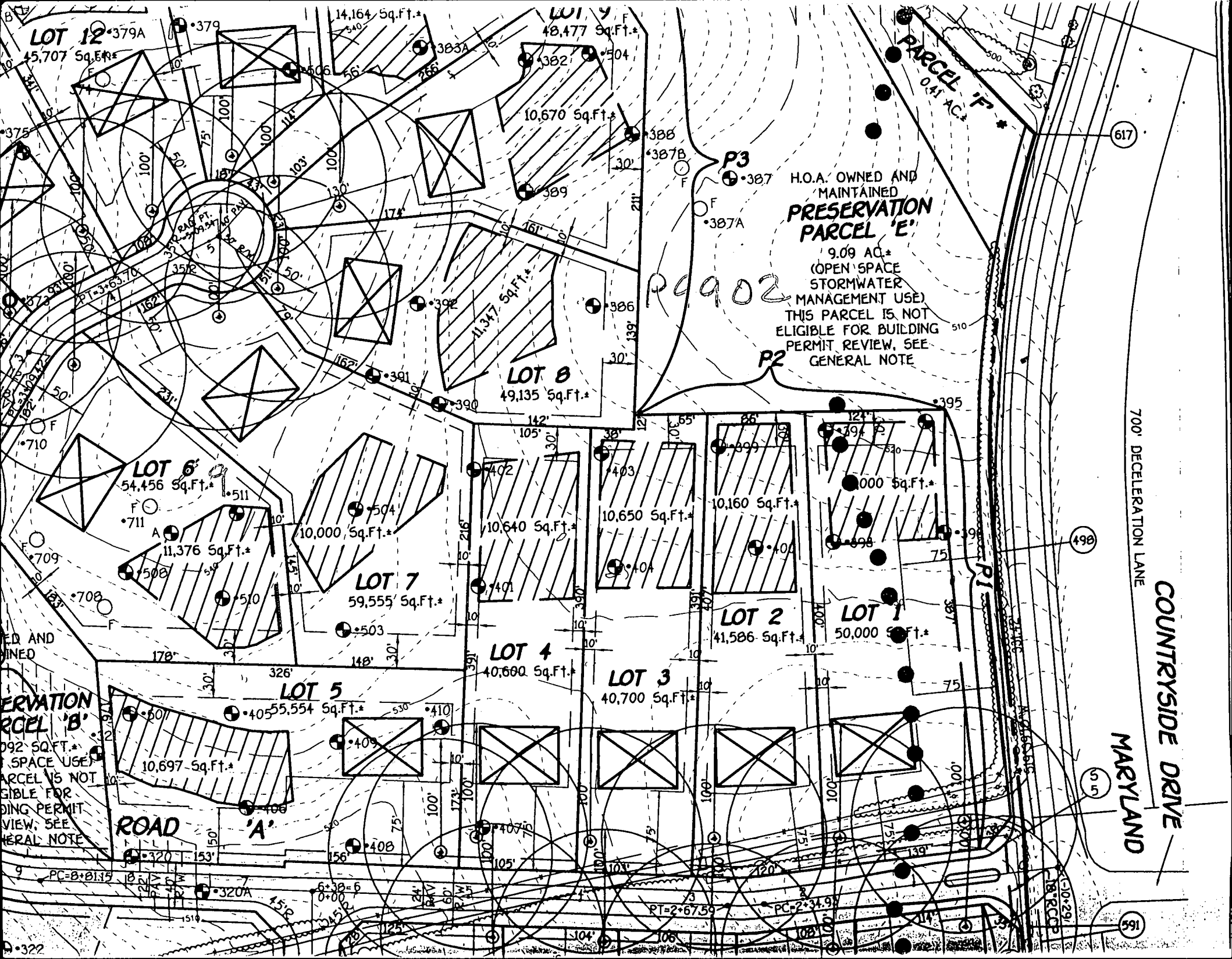
LOT 29  
40,009 Sq.Ft.\*

LOT 30  
40,197 Sq.Ft.\*

LOT 31  
41,014 Sq.Ft.\*

LOT 32  
55,379 Sq.Ft.\*

PRE



LOT 12 379A  
45,707 Sq.Ft.

LOT 9  
48,477 Sq.Ft.

PARCEL 'E'  
9.09 AC.

H.O.A. OWNED AND  
MAINTAINED  
**PRESERVATION  
PARCEL 'E'**

9.09 AC.  
(OPEN SPACE  
STORMWATER  
MANAGEMENT USE)  
THIS PARCEL IS NOT  
ELIGIBLE FOR BUILDING  
PERMIT REVIEW, SEE  
GENERAL NOTE

LOT 8  
49,135 Sq.Ft.

LOT 6  
54,456 Sq.Ft.

LOT 7  
59,555 Sq.Ft.

LOT 4  
40,680 Sq.Ft.

LOT 5  
55,554 Sq.Ft.

LOT 3  
40,700 Sq.Ft.

LOT 2  
41,586 Sq.Ft.

LOT 1  
50,000 Sq.Ft.

PRESERVATION  
PARCEL 'B'  
(OPEN SPACE USE)  
THIS PARCEL IS NOT  
ELIGIBLE FOR  
BUILDING PERMIT  
REVIEW, SEE  
GENERAL NOTE

ROAD  
'A'

700' DECELERATION LANE

COUNTRYSIDE DRIVE

MARYLAND

P0902

617

498

55

591

F-99 145

ATCH

20' Public Drainage And Utility Easement  
**LINE**

**OPEN SPACE LOT 36**  
1.058 AC.±  
OPEN SPACE LOT 36 OWNED AND MAINTAINED BY HOMEOWNER'S ASSOCIATION

**OPEN SPACE LOT 37**  
AREA THIS SHEET 1.765 AC.± (FOR TOTAL AREA SEE SHEET 3)  
OWNED AND MAINTAINED BY HOMEOWNER'S ASSOCIATION

**LOT 9**  
54,936 sq.ft.

**LOT 8**  
57,029 sq.ft.

**LOT 10**  
58,889 sq.ft.

**LOT 7**  
42,971 sq.ft.

**LOT 11**  
47,551 sq.ft.

**LOT 6**  
41,188 sq.ft.

**LOT 5**  
40,716 sq.ft.

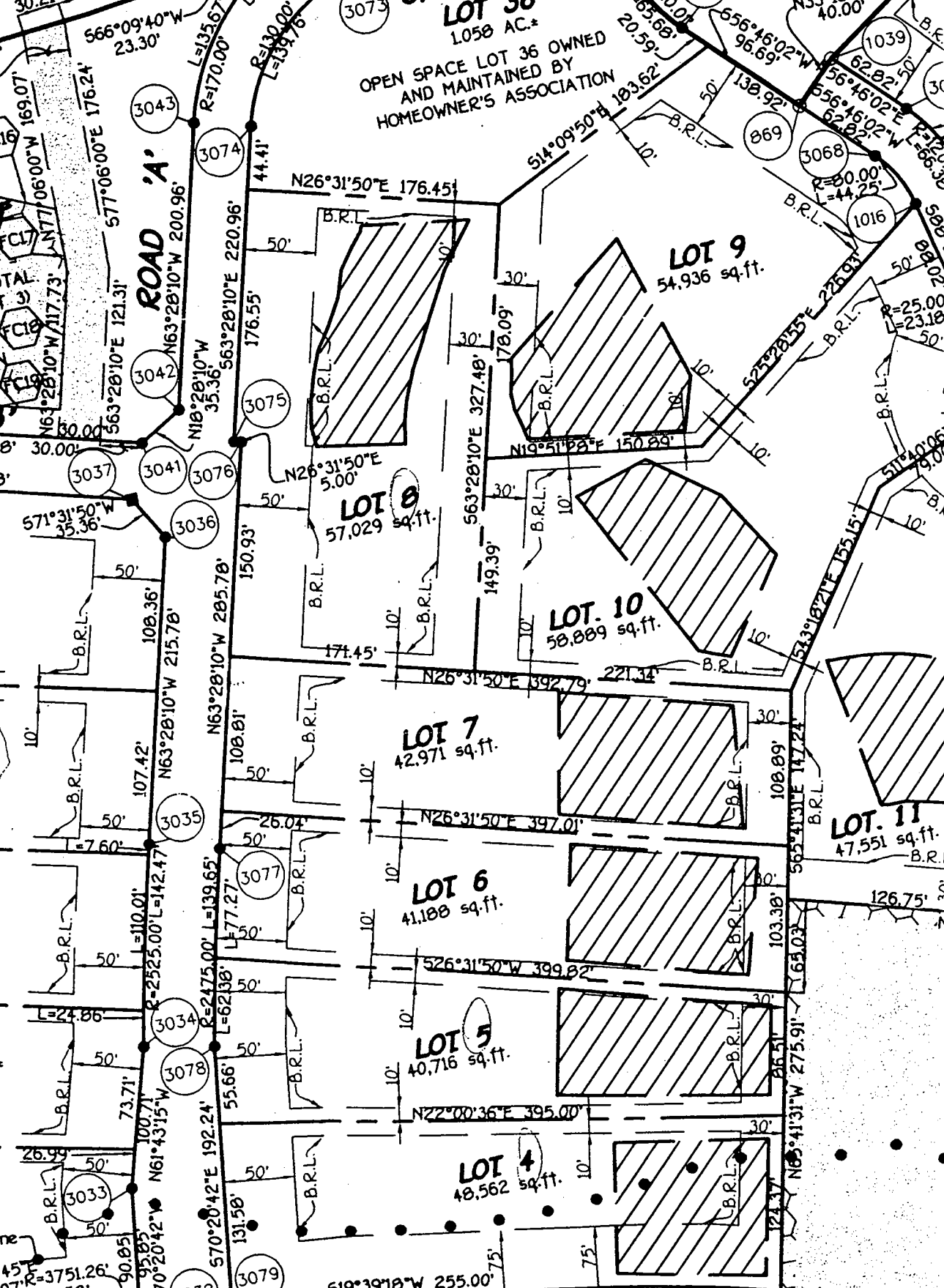
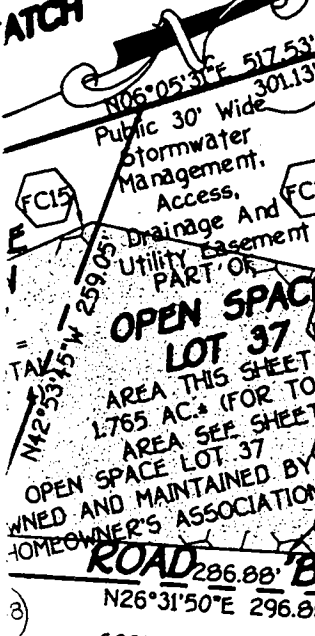
**LOT 4**  
48,562 sq.ft.

**LOT 34**  
40,368 sq.ft.±

**LOT 32**  
57,029 sq.ft.±

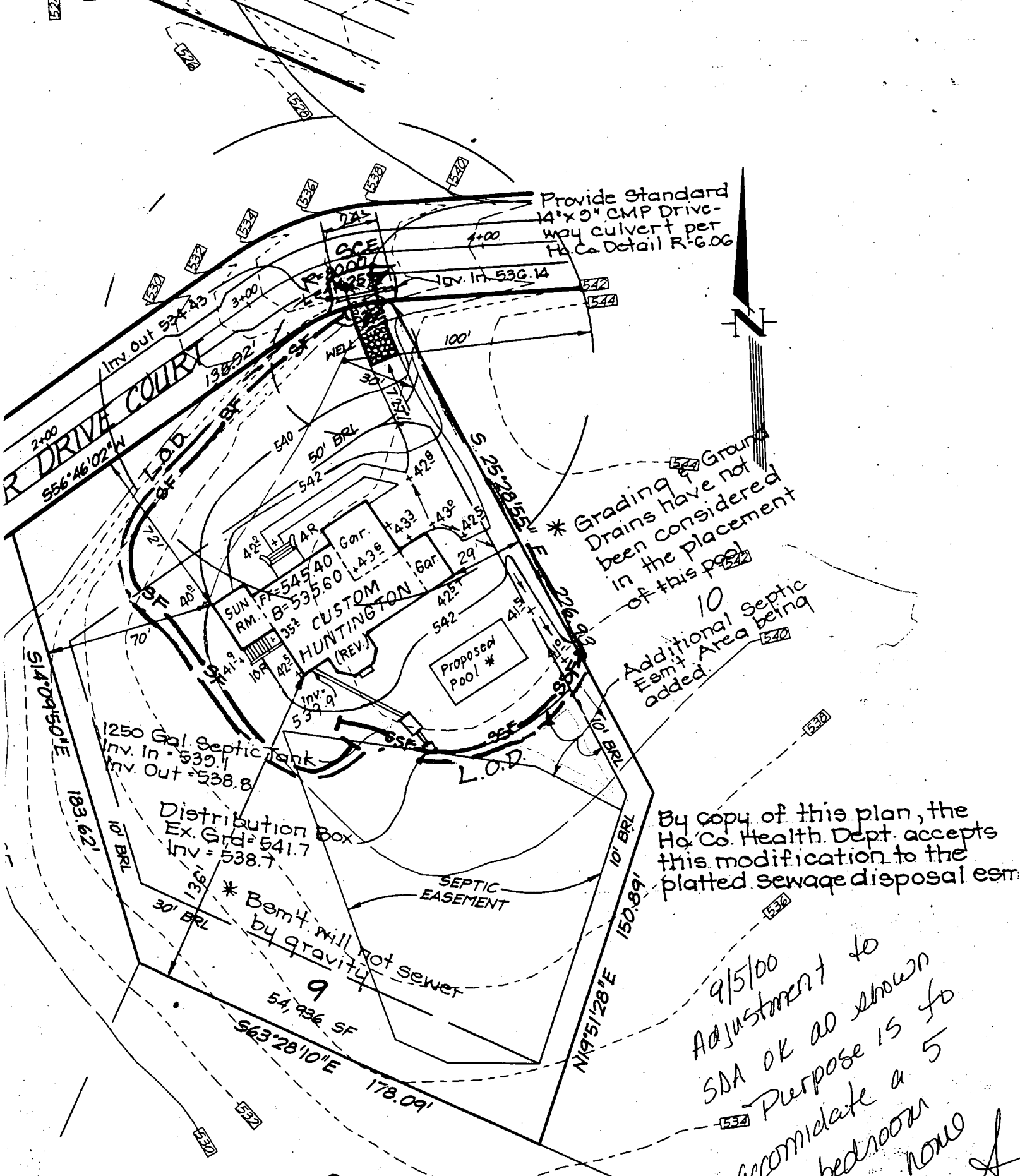
**LOT 33**  
57,029 sq.ft.±

**LOT 35**  
57,029 sq.ft.±



Unmitigated 65 dBA Noise Line  
B.R.L.  
N19°41'45\"/>

L=148.62' (FCE)



Provide standard  
14"x9" CMP Drive-  
way culvert per  
Ho Co Detail R-6.06

\* Grading & Ground  
Drains have not  
been considered  
in the placement  
of this pool

Additional septic  
Emit. Area being  
added

By copy of this plan, the  
Ho Co. Health Dept. accepts  
this modification to the  
platted sewage disposal em.

9/5/00  
Adjustment to  
SDA OK as shown  
Purpose is to  
accommodate a 5  
bedroom  
now

RD. SCD.  
requirements  
J 6/22/99  
Date  
ervation Service

9	Rev. septic emit. as approved by Ho Co Health	0-1-00
8	Rev. hse. loc. & grad. lot 9	7-20-00
7	Remove note & limits of adjustment, lots 20 & 21 per Ho Co Health	6-30-00
	to be treated w/vid sewer disposal emit to lots 20 & 21	6-2-00

DE  
We certify  
to this plan  
that all respo  
Certificate of

REFERENCE 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 **A58993I**

ST/CO USE ONLY  
DATE Received  
**10 22 99**

DATE WELL COMPLETED  
MM DD YY  
**10 04 99**

Depth of Well  
**165**  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
**HO-94-2412**

OWNER **BRS Developers**  
STREET OR RFD **Clean Drive Ct** TOWN **Glenwood**  
SUBDIVISION **Cattail Ridge** SECTION **9** LOT **9**

**WELL LOG**  
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	16	
Sand Stone	16	25	
Micka	25	55	
Sand Stone	55	60	<input checked="" type="checkbox"/>
Micka	60	165	

**GROUTING RECORD** yes  no

WELL HAS BEEN GROUTED (Circle Appropriate Box)  
 Y  N

TYPE OF GROUTING MATERIAL (Circle one)  
CEMENT  BENTONITE CLAY

NO. OF BAGS **8** NO. OF POUNDS **800**

GALLONS OF WATER **48**

DEPTH OF GROUT SEAL (to nearest foot)  
from **0** ft. to **24** ft.  
(enter 0 if from surface)

**CASING RECORD**

casing types insert appropriate code below

ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER

MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch)! **6** Total depth of main casing (nearest foot) **26**

**OTHER CASING (if used)**

diameter inch \_\_\_\_\_ depth (feet) from \_\_\_\_\_ to \_\_\_\_\_

screen type or open hole insert appropriate code below

**SCREEN RECORD**  ST STEEL  BR BRASS  HO OPEN HOLE  
 PL PLASTIC  OT OTHER

NUMBER OF UNSUCCESSFUL WELLS: **0**

WELL HYDROFRACTURED  YES  NO

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

**C 2** DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
C	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
S	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
R	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
E	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
N	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140

DIAMETER OF SCREEN (NEAREST INCH)  
from **56** to **60**

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

DRILLERS LIC. NO. **M SD 116**  
**Shane Wray**  
DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. **MSD 112**  
**Shane Wray**

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
T (E.R.O.S.) W Q

**C 3**

**PUMPING TEST**

HOURS PUMPED (nearest hour) **3**

PUMPING RATE (gal. per min.) **12**

METHOD USED TO MEASURE PUMPING RATE **Bucket**

WATER LEVEL (distance from land surface)

BEFORE PUMPING **53** ft.  
WHEN PUMPING **59** ft.

TYPE OF PUMP USED (for test)  
 A air  P piston  T turbine  
 C centrifugal  R rotary  O other (describe below)  
 J jet  S submersible

**PUMP INSTALLED**

DRILLER INSTALLED PUMP (CIRCLE) (YES OR NO) YES  NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

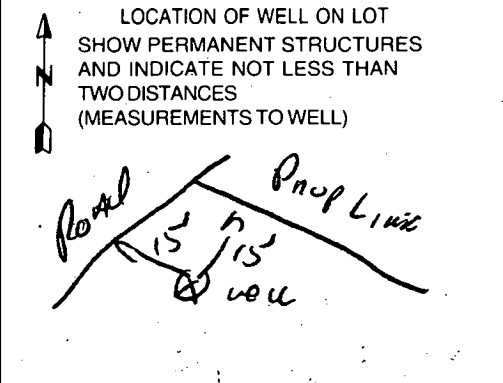
CAPACITY: GALLONS PER MINUTE (to nearest gallon) **31** **35**

PUMP HORSE POWER **37** **41**

PUMP COLUMN LENGTH (nearest ft.) **43** **47**

CASING HEIGHT (circle appropriate box and enter casing height)

above } LAND SURFACE  
 below } **2** (nearest foot)



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

TELESCOPE CASING LOG INDICATOR OTHER DATA

000 Sq.Ft.\*

•376  
F

•375

10,670 Sq.Ft.\*

•388

•387B

•387

•387A

ChB2

~~9-7-99~~  
Well site staked  
by nearest  
surveyor

Signed Perc.  
Cert

LOT 8  
49,135 Sq.Ft.\*

LOT 7  
59,655 Sq.Ft.\*

•508  
•511  
•510  
11,376 Sq.Ft.\*

•504  
10,000 Sq.Ft.\*

LOT 9  
54,456 Sq.Ft.\*

•402  
•401  
10,640 Sq.Ft.\*

•403  
•404  
10,650 Sq.Ft.\*

•399  
•400  
10,160 Sq.Ft.\*

•397  
•398  
10,000 Sq.Ft.\*

LOT 2  
41,586 Sq.Ft.\*

LOT 1  
50,000 Sq.Ft.\*

RESERVATION  
PARCEL 'B'  
47,092 Sq.Ft.\*

G103

•407  
•405  
•406  
10,697 Sq.Ft.\*

LOT 5  
55,554 Sq.Ft.\*

LOT 4  
41,880 Sq.Ft.\*

G1B2  
LOT 3  
40,805 Sq.Ft.\*

•409

•407

•408

•409

•408

•423

•320

•320A

•408

•407

•408

•409

•408

LOT 28

LOT 29  
40,009 Sq.Ft.\*

LOT 30  
40,197 Sq.Ft.\*

LOT 31  
41,014 Sq.Ft.\*

LOT 32  
55,379 Sq.Ft.\*

PRE

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94 2412  
 Location of property (road) Clean Drive Court  
 Subdivision CatHaul Ridge Lot 9 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller Ralph Payne Owner BRS Acv.

Depth of well 165  
 Distance of measuring point (M.P.) above ground 1 ft  
 Static water level (S.W.L.) below M.P. 53 ft

I. High rate pumping -- reservoir drawdown

Time pump started 12:00 Pumping rate 12 GPM  
 Total time 15 min to reach pumping water level 59 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)	
12:15	59 ft	5 Sec	<del>Flow Meter Reading (if used)</del>	12 GPM	
12:30	59 ft	5 Sec		12 GPM	
12:45	59 ft	5 Sec		12 GPM	
1:00	59 ft	5 "		12 "	
1:15	59 ft	5 "		12 "	
1:30	59 "	5 "		12 "	
1:45	59 "	5 Sec		12 GPM	
2:00	59 ft	5 Sec		12 GPM	
2:15	59 ft	5 Sec		12 GPM	
2:30	59 "	5 "		12 "	
2:45	59 "	5 "		12 "	
3:00	59 ft	5 Sec		12 GPM	
3:15	59 ft	5 Sec		12 GPM	