

# APPLICATION

PERCOLATION TESTING

A 59276

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
PO BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 461-9933

DISTRICT \_\_\_\_\_

DATE 12/19/97

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 Bruce A. Manger

ADDRESS 2719 St. Paul Street, Baltimore, MD 21218 PHONE 410-467-9700

PROSPECTIVE BUYER Heritage Land Development

ADDRESS 3243 Bethany Lane, Ellicott City, MD 21042 PHONE 410-313-8808

PROPERTY LOCATION:

SUBDIVISION Peacefields LOT NO 4

ROAD AND DESCRIPTION MD Route 97

TAX MAP 21 PARCEL # 63

SIZE OF LOT 1 Acre ± TYPE BLDG S. F. D.  
(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

A59276

COUNTY #

SOIL PROFILE  
21, 52

red  
brown  
SiCLM

---

lgt  
pink  
w/  
yellow  
SaSiLM  
5%  
Rx

22

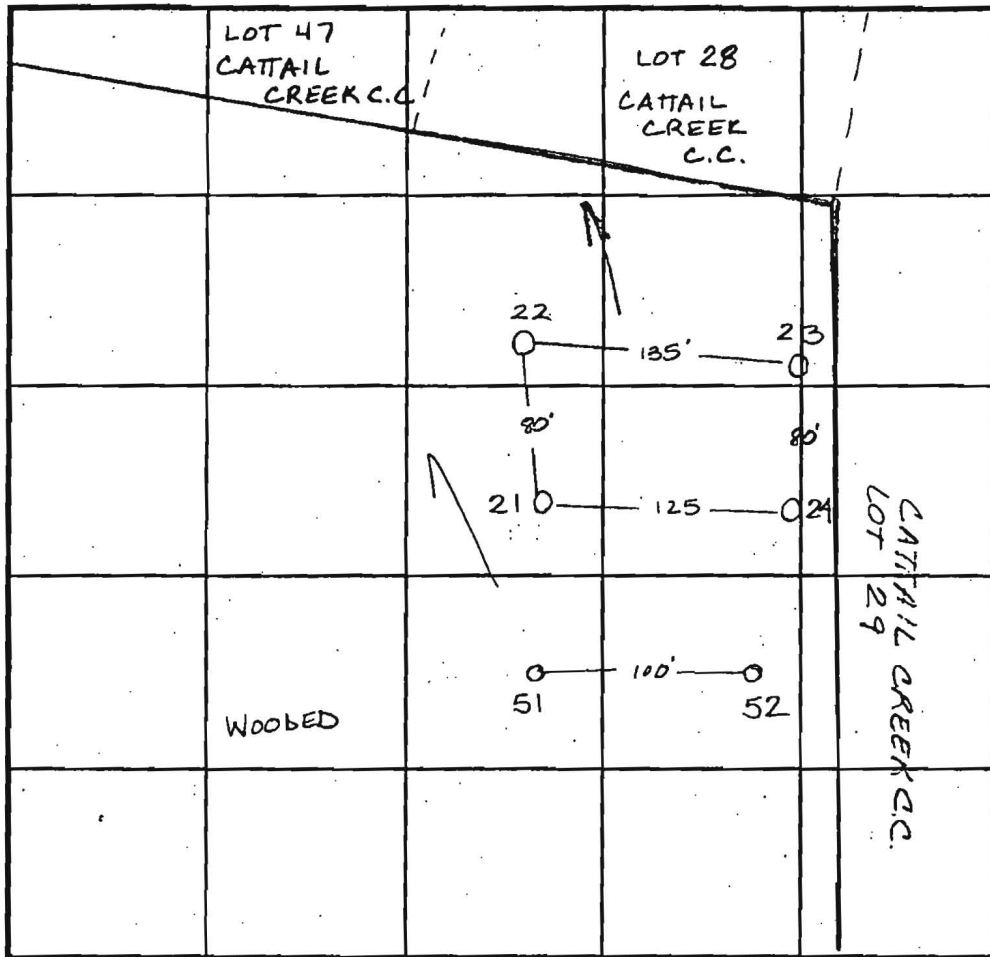
dark  
red  
brn  
SiCLM

dark  
red  
SiLM  
5-10%  
Rx

dull  
green  
SiLM  
NO mottles  
but color  
indicates H<sub>2</sub>O

23

like  
22  
but no  
dull  
green  
indicating  
H<sub>2</sub>O



SOIL PROFILE  
24

red  
brown  
SiCLM

---

lgt red  
SiSaLM  
pockets  
of pink  
SiLM

---

greenish  
SiLM  
pockets  
of white  
decayed  
quartz

51

red brn  
SiCLM  
10% Rx

red pink  
SiLM

dark red  
brn  
SiLM  
< 10% Rx

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1-7-98	21	3.0 V12.0	12:10	12:12	12:12	12:16	4min	
	22	3.0 V12.0	12:25	12:26	12:26	12:27 <sup>30</sup>	1 1/2 min WE	
	23	3.0 V12.0	12:30	12:34	12:34	12:39	5min	
	24	Visual	to 11.0 - see profile					OK WE
6-15-98	51	3.5 V11.0	10:25	> 30min			slow	
		4.5 V11.0	10:52	10:57	10:57	11:08	11min	
	52	Visual	to 12.0 - see profile					OK

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Tim Feoga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3min

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SO. FT./BEDROOM

180 A

# APPLICATION

PERCOLATION TESTING

A 565

P \_\_\_\_\_

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

*p 3*

DISTRICT \_\_\_\_\_

DATE 4-29

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

PROPERTY OWNER BRUCE A. MANGER

ADDRESS 2719 St. Paul street Baltimore MD. 21218 PHONE 467-9700

AGENT OR PROSPECTIVE BUYER FISHER COLLINS AND CARTER INC. c/o Zacharia Y. FISCH

ADDRESS 10272 BALTIMORE NATIONAL PIKE ELLICOTT CITY MD. 21042 PHONE 461-2855

PROPERTY LOCATION:

SUBDIVISION PEACEFIELDS LOT NO. 4

ROAD AND DESCRIPTION MD. RT. 97

TAX MAP 21 PARCEL # 63

SIZE OF LOT 1A.± TYPE BLDG. S.F.D.  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERST

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO A

COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Zacharia Y. Fisch (cage)  
(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 3/1/7

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0'  
5'  
TOPSOIL  
CLAY  
  
GRAY  
&  
BLACK  
SANDY  
MILK  
LOAM  
NOT  
H<sub>2</sub>O TABLE  
  
DULLER CH 204  
PROBABLE MAX  
WATER TABLE

13'  
18'  
CLAY  
  
LAYERED  
SANDS  
EYES 50%  
IN CLAY  
  
EXCESS  
ROCK  
REFUSAL

19'  
BROWN  
ORANGE  
CLAY  
  
MIXED  
CLAY  
LOAM  
  
EXCESS  
ROCK


SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
5/7/96	315						
		VIS OK	3-	9	on DEEP 6"		
	318						
		VIS FAIL	CLAY THEN		ROCK	2-8'	
	319						
		VIS - UNLIKELY					
		LIKELY INSUFFICIENT	DEPTH OF		PENETRATION		
			SOIL	ABOVE	BEDROCK		

REMARKS: WET SEASON, WATER TABLE OBSERVED

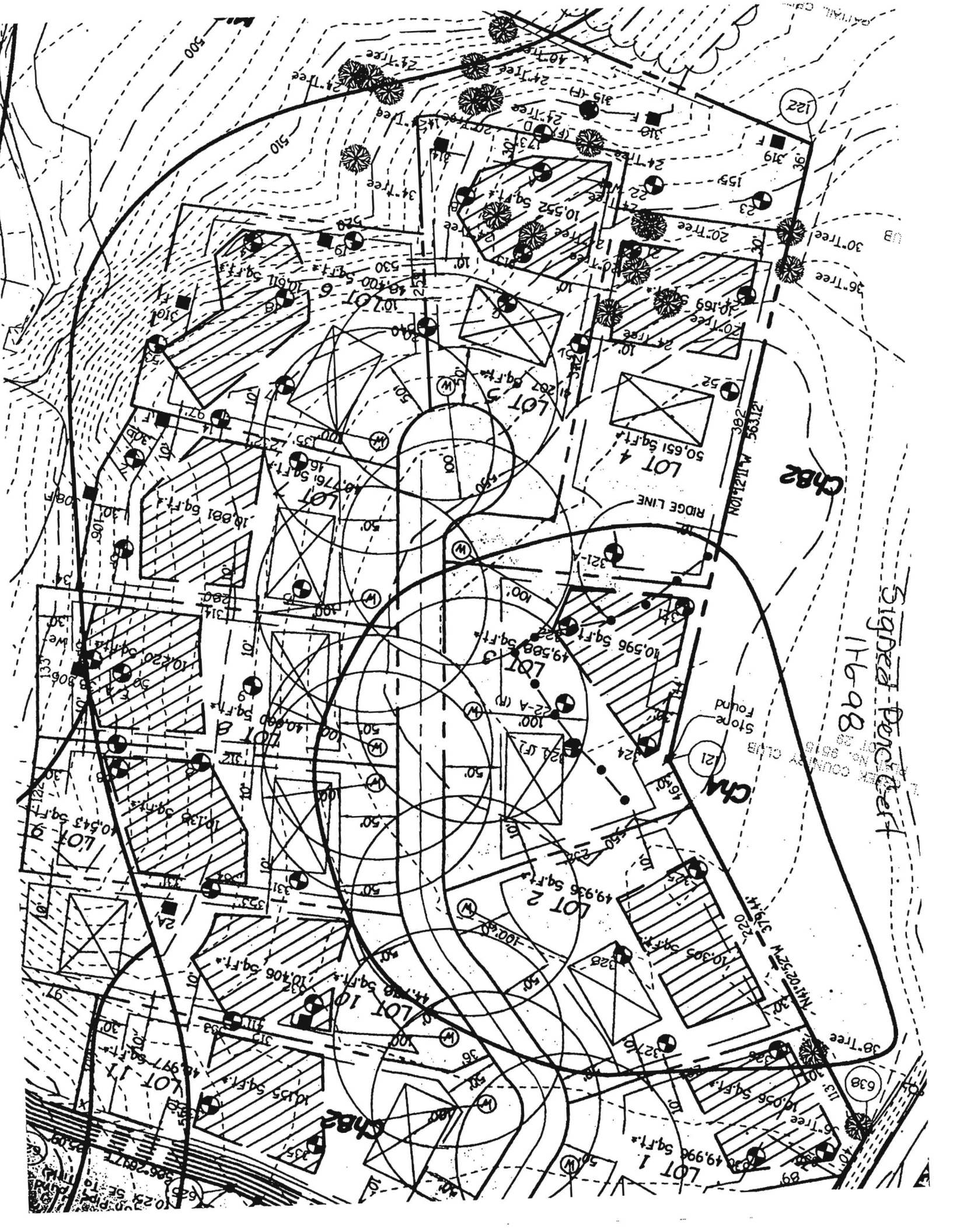
TYPE OF SOIL

TESTED BY: C. W. [Signature] ALSO PRESENT: CAUO, KBR

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

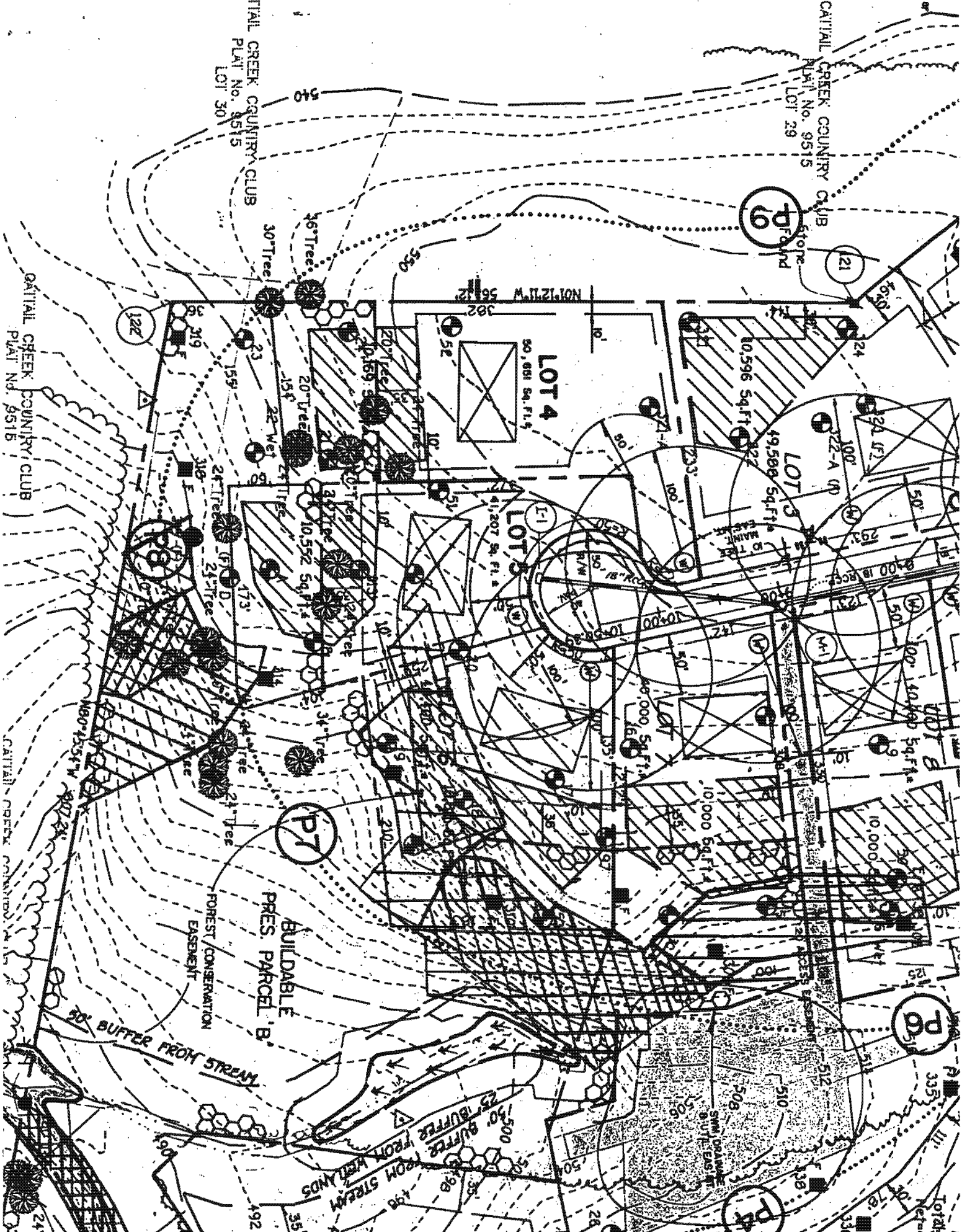
INLET DEPTH      MAXIMUM BOTTOM DEPTH      SQ. FT./BEDROOM

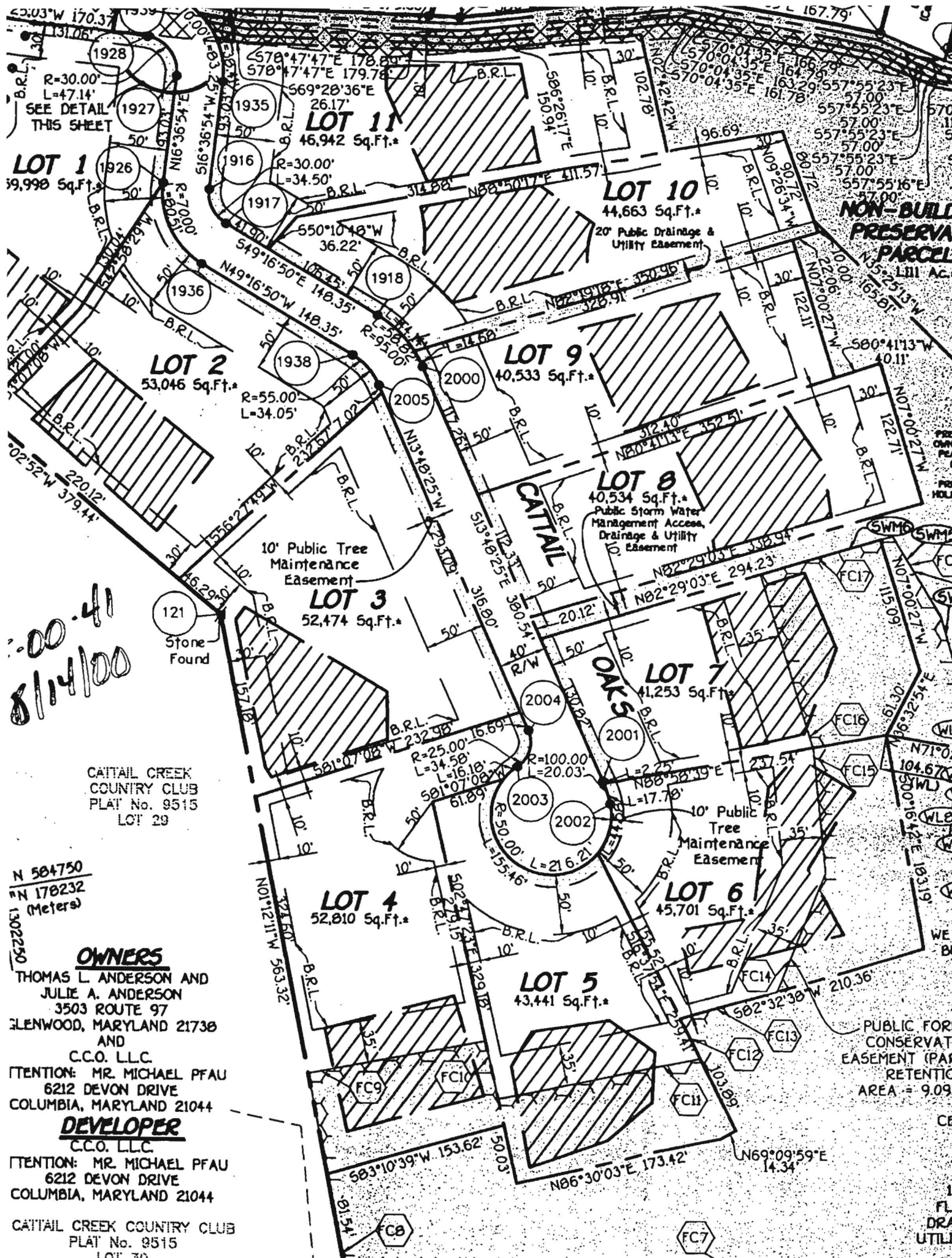


CATTAIL CREEK COUNTRY CLUB  
PLAT No. 9515  
LOT 29

CATTAIL CREEK COUNTRY CLUB  
PLAT No. 9515  
LOT 30

CATTAIL CREEK COUNTRY CLUB  
PLAT No. 9515





**LOT 1**  
39,998 Sq.Ft.\*

**LOT 11**  
46,942 Sq.Ft.\*

**LOT 10**  
44,663 Sq.Ft.\*

**LOT 2**  
53,046 Sq.Ft.\*

**LOT 9**  
40,533 Sq.Ft.\*

**LOT 8**  
40,534 Sq.Ft.\*

**LOT 3**  
52,474 Sq.Ft.\*

**LOT 7**  
41,253 Sq.Ft.\*

**LOT 4**  
52,810 Sq.Ft.\*

**LOT 5**  
43,441 Sq.Ft.\*

**LOT 6**  
45,701 Sq.Ft.\*

CATTAIL CREEK  
COUNTRY CLUB  
PLAT No. 9515  
LOT 29

**OWNERS**

THOMAS L. ANDERSON AND  
JULIE A. ANDERSON  
3503 ROUTE 97  
GLENWOOD, MARYLAND 21738

**AND**

C.C.O. LLC.  
ATTENTION: MR. MICHAEL PFAU  
6212 DEVON DRIVE  
COLUMBIA, MARYLAND 21044

**DEVELOPER**

C.C.O. LLC.  
ATTENTION: MR. MICHAEL PFAU  
6212 DEVON DRIVE  
COLUMBIA, MARYLAND 21044

CATTAIL CREEK COUNTRY CLUB  
PLAT No. 9515  
LOT 29

00.41  
8/14/00

**NON-BUILT  
PRESERVE  
PARCEL**

PUBLIC FORE  
CONSERVATION  
EASEMENT (PAR  
RETENTION  
AREA = 9.09)

CEI  
IC  
FLC  
DRA  
UTILI

NON-BUILDABLE  
PRESERVATION  
PARCEL A

S68°09'59"W  
14.34

S66°30'03"W  
43,441.0

173.42

PUBLIC FOREST  
CONSERVATION  
EASEMENT  
(PART ONE  
RETENTION)

259.4

Pr. 1979 Sewerage  
Modification Act  
The Howard County  
Department

329.13

LOT 6

LOT 7

35' BRL

35' BRL

#15536

S16°37'54"E  
101' BRL

50' BRL

50.6

Macadam  
DRIVEWAY

R=50.00'  
L=155.40'

OAKS

rec  
ement

N02°47'02"E

N81°07'08"W  
31.89'

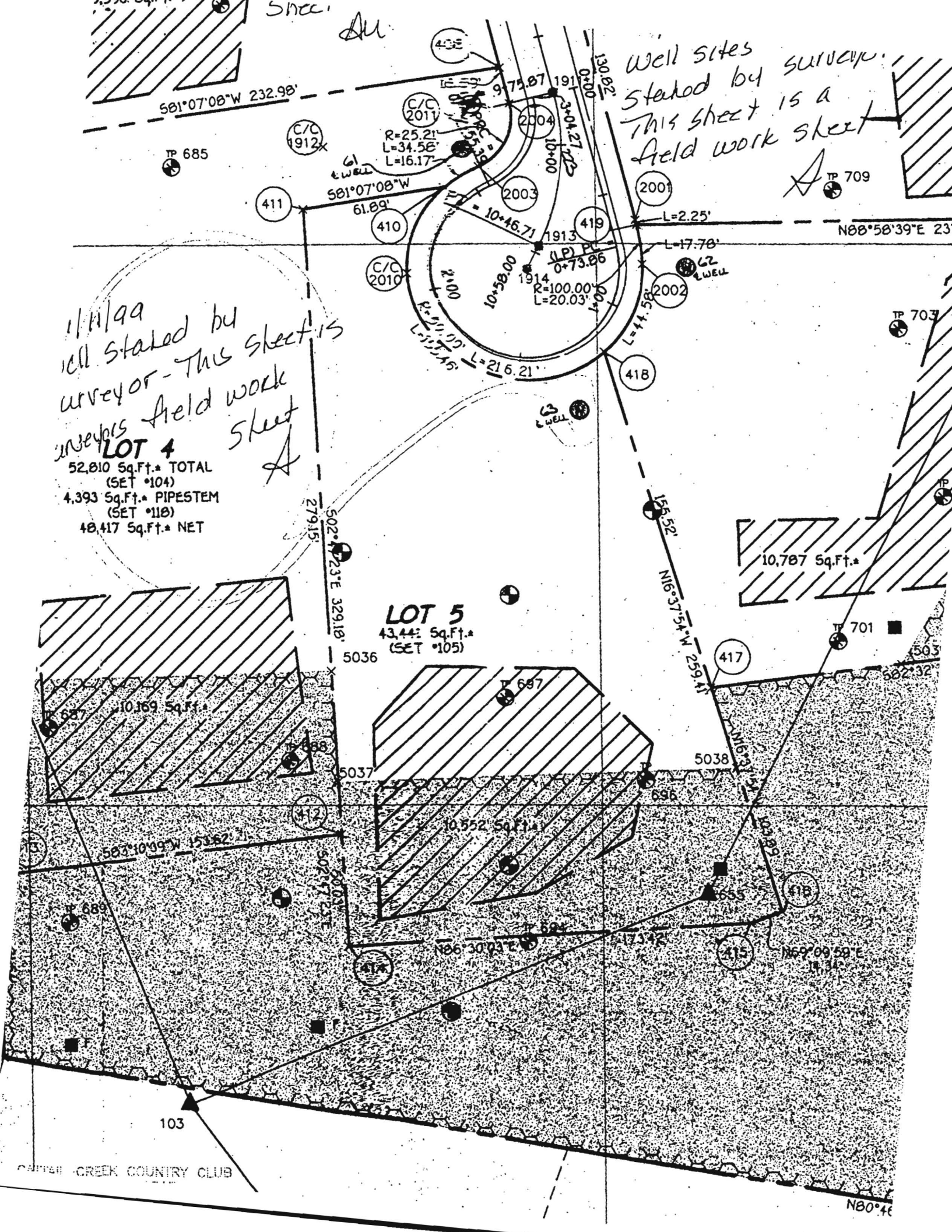
Sheet Au

Well sites  
staked by survey.  
This sheet is a  
field work sheet

11/11/99  
well staked by  
surveyor - This sheet is  
surveyor's field work  
sheet

**LOT 4**  
52,810 Sq.Ft. TOTAL  
(SET #104)  
4,393 Sq.Ft. PIPESTEM  
(SET #118)  
48,417 Sq.Ft. NET

**LOT 5**  
43,441 Sq.Ft.  
(SET #105)



# REVISED PERCOLATION CERTIFICATION PLAN

OWNER: SANDY JOHNSON  
 SITE ADDRESS: 15536 CATTAIL OAKS  
 TYPE OF PROJECT: POOL ADDITION  
 LOT 5, PEACEFIELDS AT CATTAIL CREEK  
 PLAT # 14573

**NOTE**

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT



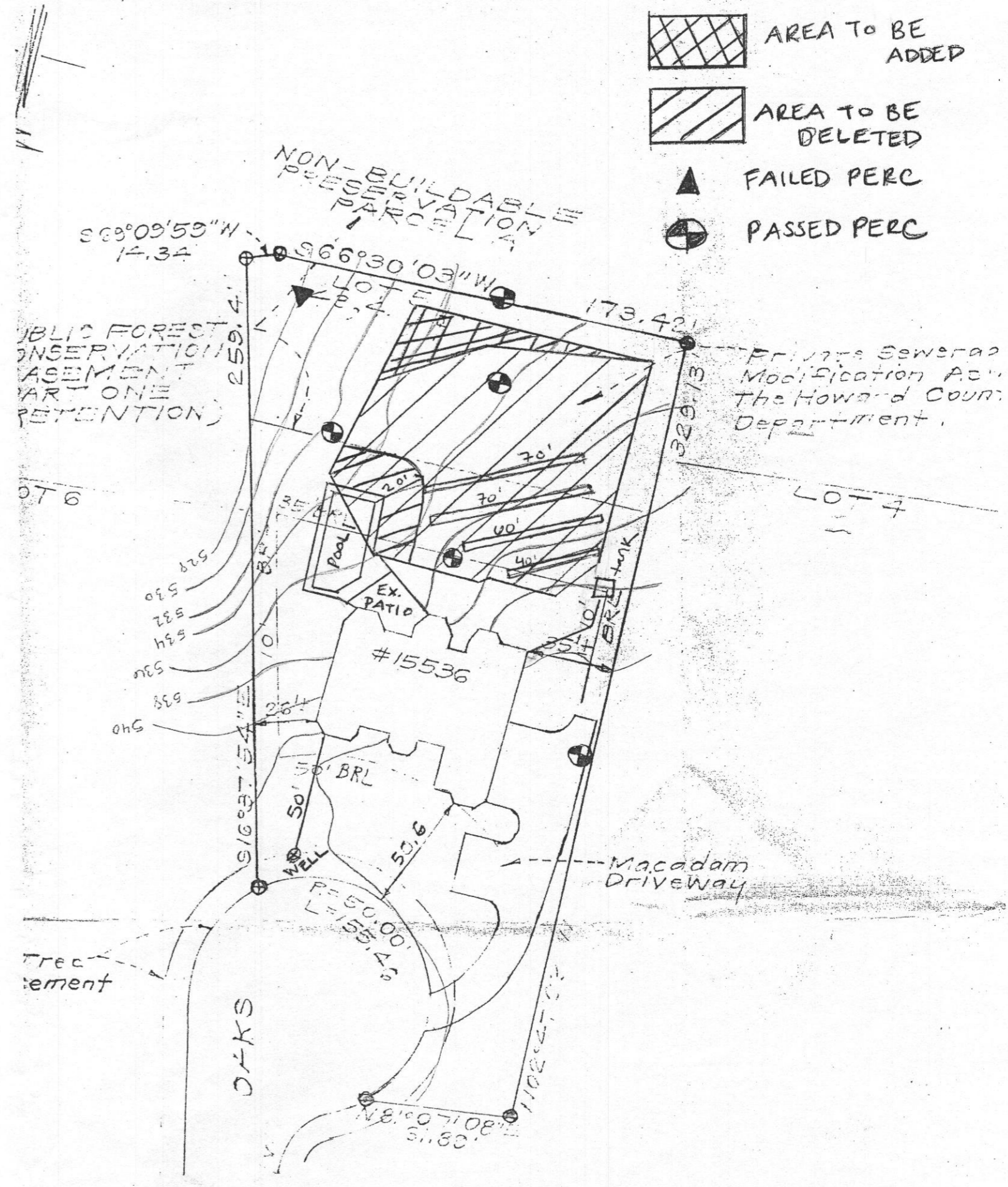
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THE TOPOGRAPHY OF THIS PLAT IS FROM HOWARD COUNTY GIS DATA
- ALL WELLS WITHIN 100' OF THE PROPERTY'S BOUNDARIES HAVE BEEN SHOWN
- SOILS INFORMATION TAKEN FROM HOWARD COUNTY DATA BASED ON THE 2003 HOWARD COUNTY SOIL SURVEY WITHIN THE PROPERTY INCLUDE: GGB & GGC
- THE PURPOSE OF THIS PLAN IS TO REVISE THE EXISTING SEPTIC AREA TO ACCOMMODATE THE PROPOSED POOL AS SHOWN ON THIS PLAN.

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON WORK PERFORMED IN MY PRESENCE OR BY MY DIRECTION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]* 8/26/08  
 (SIGNATURE) (DATE)

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

\_\_\_\_\_  
 (SIGNATURE) HS (DATE)

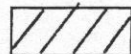


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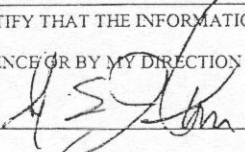
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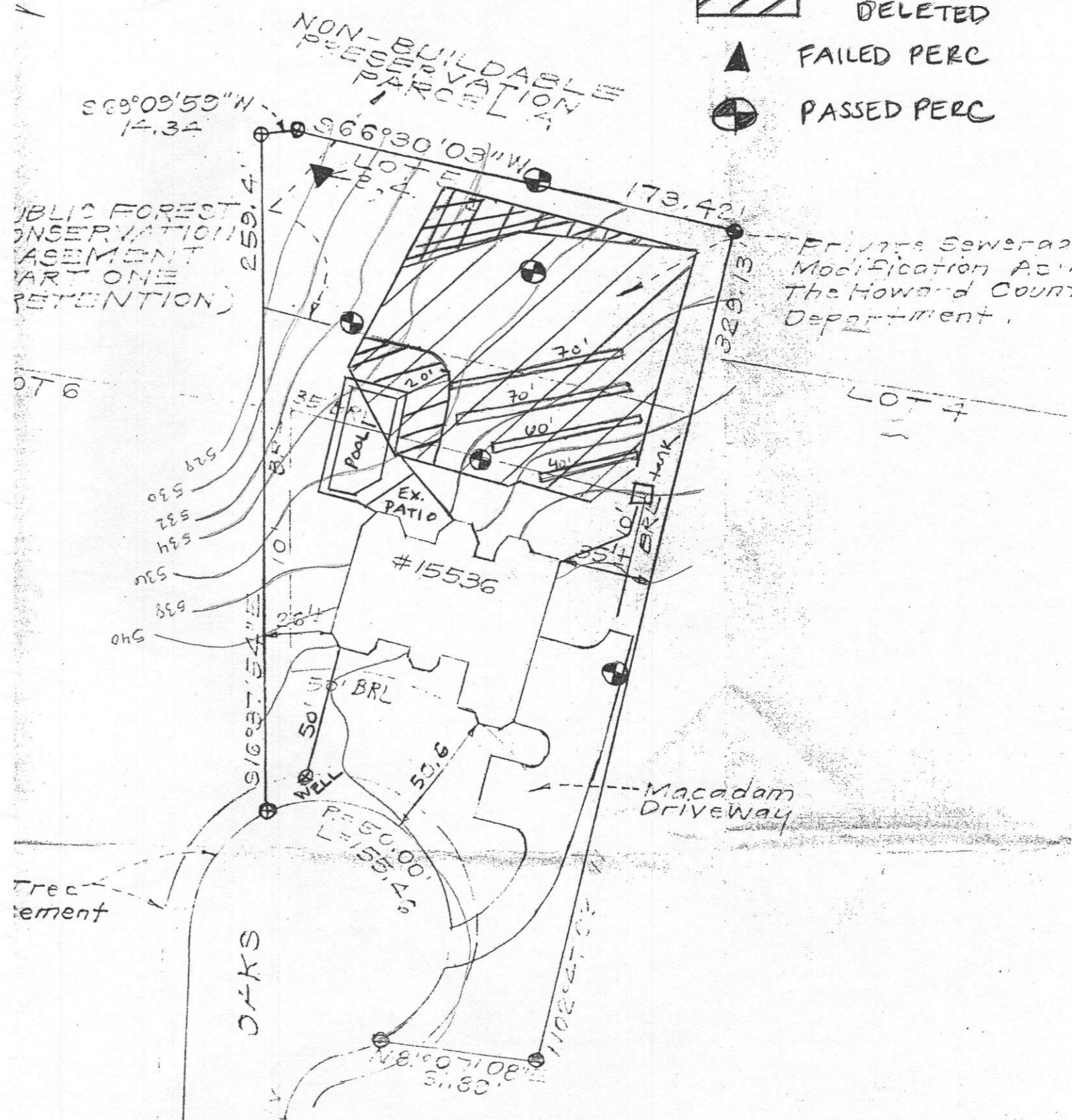
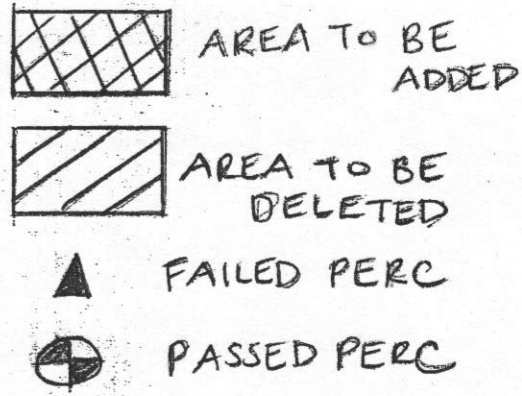
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 8/26/08

(SIGNATURE) (DATE)

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

\_\_\_\_\_  
 (SIGNATURE) HS (DATE)



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*[Signature]* 8/26/08  
 (SIGNATURE) (DATE)

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

\_\_\_\_\_  
 (SIGNATURE) HS (DATE)

