

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 313-2640

INDEXED

P 49089

A 48112

DISTRICT 4th

DATE 2/24/93

DATE SYSTEM APPROVED 2/27/96

INSPECTOR Am

Olen Ketterman _____ IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION: Cattail Creek County Club LOT 10 ROAD 3600 Willow Birch Drive

PROPERTY OWNER Cattail Creek Partnership / Ed. LONERGAN

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

**** CONTRACTOR TO REQUEST TRENCH LAYOUT
INSPECTION PRIOR TO BEGINNING ANY
EXCAVATION. ****

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

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

LOCATION - Place the distribution box 160 feet from the front lot line and 10 feet from the left lot line. Final trench location to be determine during pre-installation field inspection.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *11*

PLANS APPROVED BY C. Williams DATE 3/26/93

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.

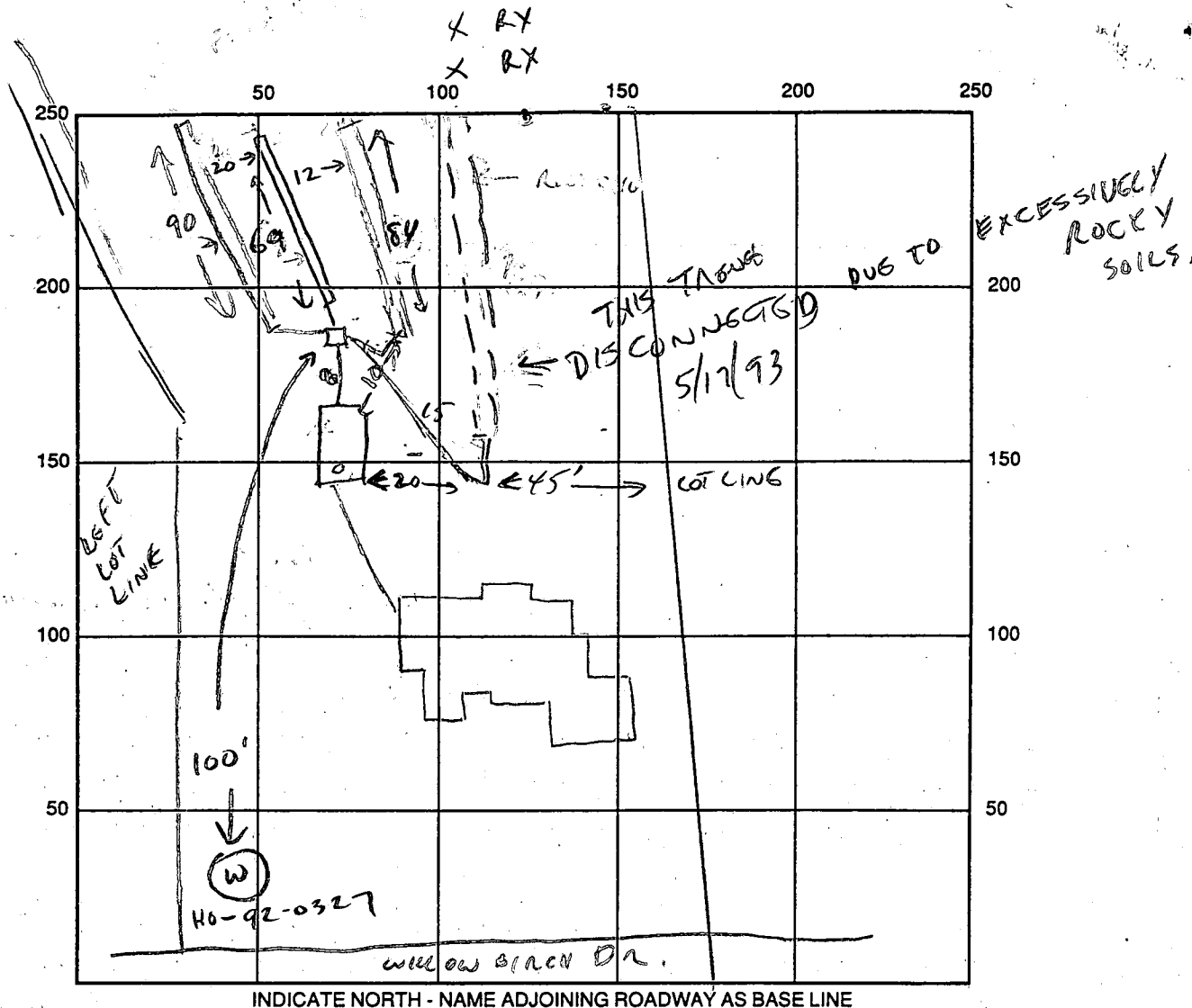
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

HD-260(6-90)

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

A 48112



SEPTIC TANK LEVEL 1250 ✓ CLEANOUTS ST ✓

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 243 FT.

NUMBER OF TRENCHES 3 - VARIABLE LENGTH ONE SIDEWALL/BOTTOM AREA 729 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: CONTOUR IS "S PLAYED" RESULTING IN VARIABLE TRENCH SEPARATION

4/6/93 LOWER TRENCH TAKEN OUT OF SERVICE DUE TO EXCESSIVELY ROCKY SOIL.

4/7/93 - 3 TRENCHES & SEPTIC TANK INSTALLED SUCCESSFULLY - (CW)

2/27/96 House connection made - Au

DATE SYSTEM APPROVED 2/27/96 INSPECTOR Amy McMillen

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

P 49089

A 48112

DISTRICT 4th

DATE 3/26/93

DATE SYSTEM APPROVED _____

INSPECTOR _____

Olen Ketterman

IS PERMITTED TO INSTALL X ALTER _____

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SUBDIVISION Cattail Creek County Club LOT 10 ROAD Willow Birch Drive

PROPERTY OWNER Cattail Creek Partnership

ADDRESS _____

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PLANS APPROVED BY C. Williams DATE 3/26/93

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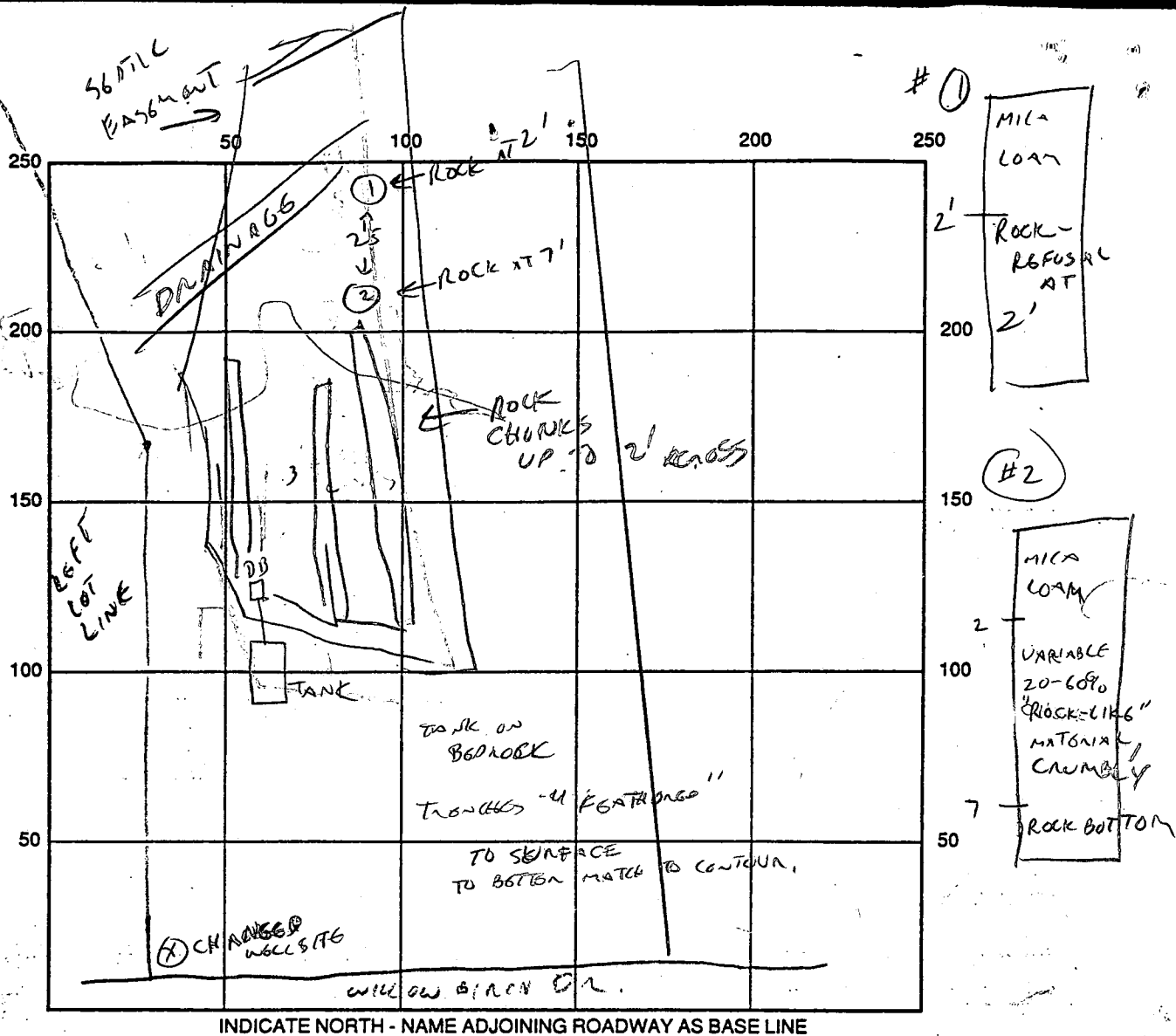
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NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 4/5/93 WELL SITE MOVED CLOSER TO ROAD TO MAXIMIZE INSTALLATION AREA

TANK SET ON BEDROCK AT 6' WILL NEED ADDITIONAL COVER

BEGINNING OF HIGHEST TRENCH HAS SEVERE ROCK VEIN, SOILS IMPROVE AS TRENCH LENGTHENS

4/6/93 LOWEST TRENCH ENCOUNTERS UNACCEPTABLE BEDROCK

4/7/93 OWNER NOTIFIED NEW SEPTIC BASIN MUST BE ESTABLISHED

5/14/93 - NEW TESTS OK, CHANGE IN LOT LINE REQ'D, C. W. [Signature]

DATE SYSTEM APPROVED _____ INSPECTOR _____

APPLICATION

PERCOLATION TESTING

A 48112

P _____

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

5-13-92 Preview OK.
1 acre zoning for proposed
cluster zoning. DEN

DISTRICT _____

DATE 5/18/92

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 Cattail Creek Country Club

ADDRESS 10805 Hickory Ridge Rd PHONE 740-2100

PROSPECTIVE BUYER NA

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Cattail Creek LOT NO. E 2(9)

ROAD AND DESCRIPTION Route 97 7 LAY 10

TAX MAP 21 PARCEL # 6

SIZE OF LOT 1 acre ± TYPE BLDG SFD
(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.

Mal DR
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

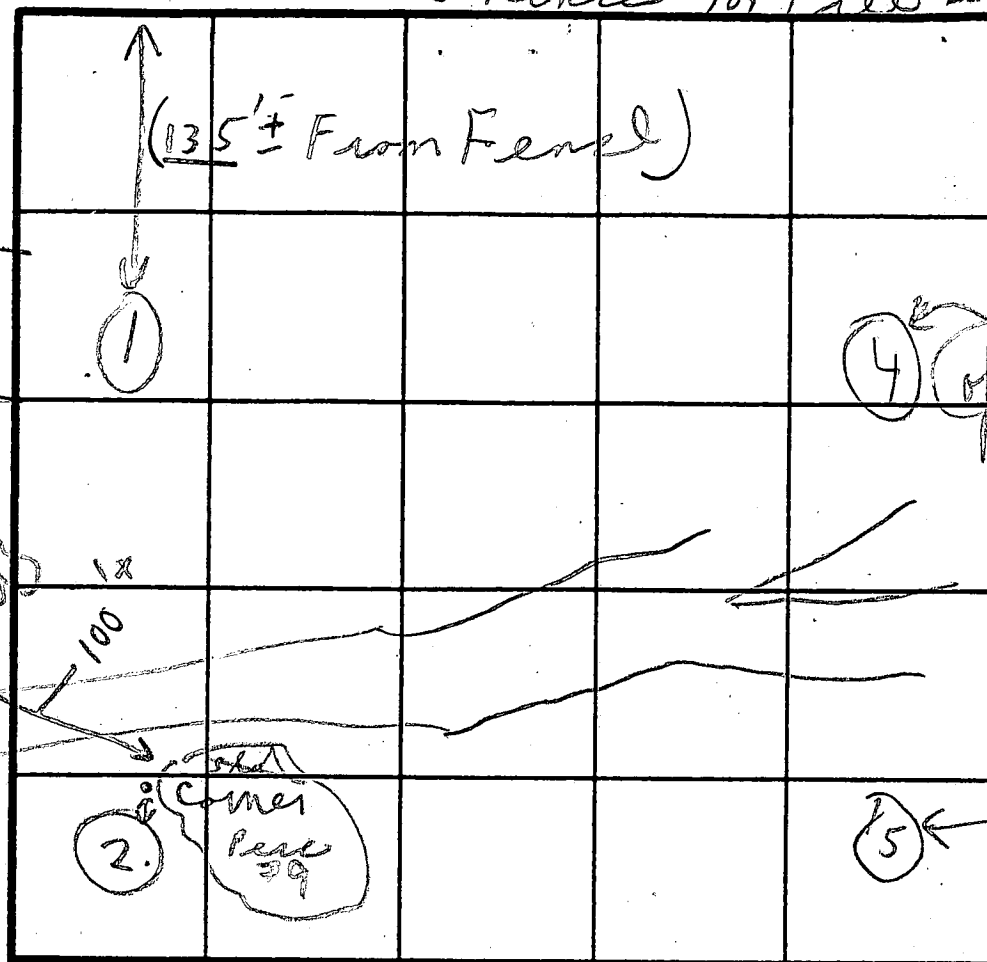
(✓ water well sites closely)
to percolate areas C.B.D.

THIS IS NOT A PERMIT

N-48112 Nov #10 Pg 1

✓ Fence 4/10 Tree Line

#9
(all holes)
SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/21/92	1	3 1/2'	1:18	1:21	1:21	1:26	5
		11 1/2'	solid	3 1/2 clay; 3 1/2 loam			
	2	4 1/2'	1:07	1:08	1:08	1:10	2
		15 1/2'	Loam				
+ back in area, 12/22/92							
		(Lot cut 11 1/2' ± in some of original)					
		{ per area. }					

REMARKS (#9 closed to R 99)
5/21 Tests in open near GOLF COURSE & stake

TYPE OF SOIL - Sandy loam below clay

TESTED BY C. B. O.

ALSO PRESENT

(Tests on as) Heavy trucks & assistants sp
knoll on left side of property lots in area - Mark Ranch (?)

APPLICATION

PERCOLATION TESTING

A 48112

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

REFEST
TO

REPLACE

DAMAGED PORTIONS
OF SEPTIC AREA

LOT LINE CHANGES

CW

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 LOT NO. 1/10

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 PLAT ADJUSTMENT

REASONS FOR REJECTION OR HOLDING CHANGE IN LOT LINES, ADJUSTED TO INSTALLED SEPTIC REQ'D

CW

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

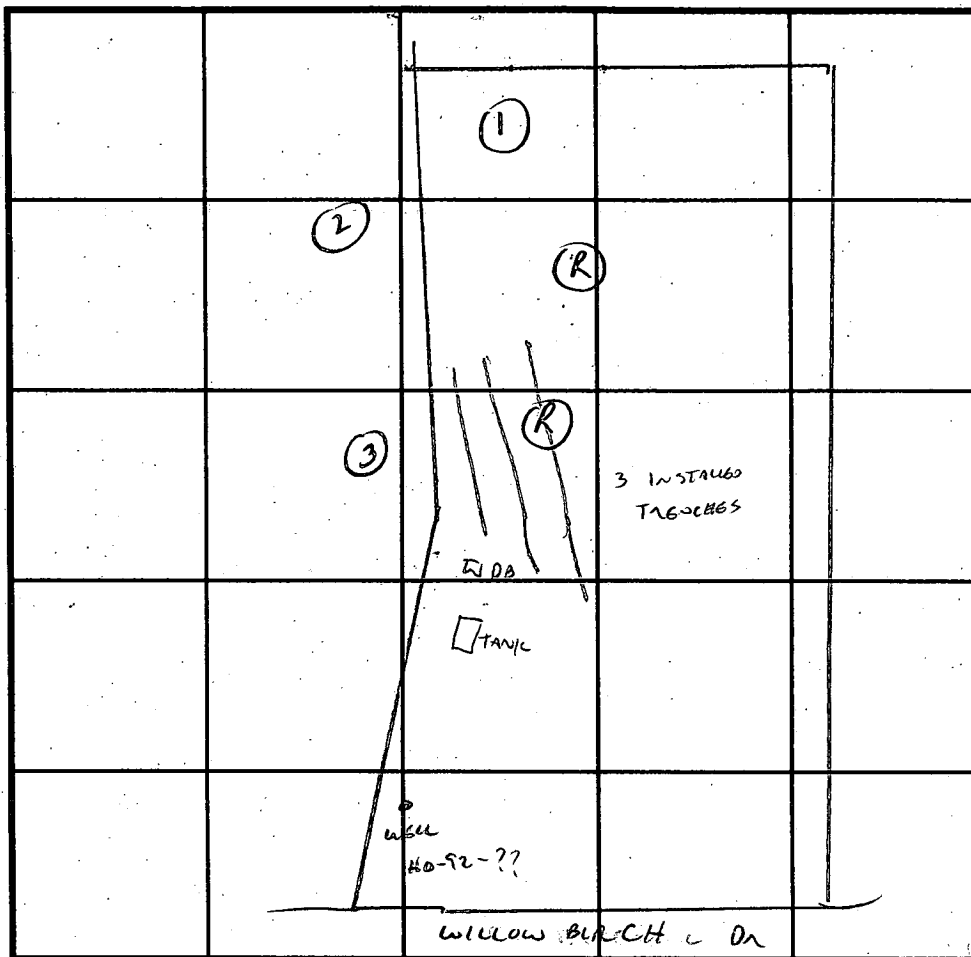
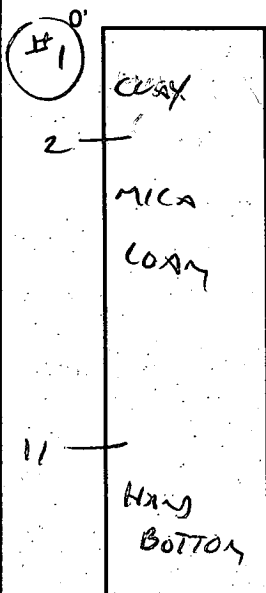
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

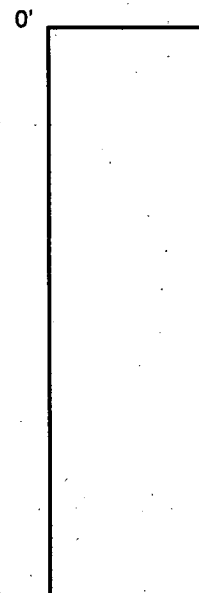
A 48112

COUNTY #

SOIL PROFILE



SOIL PROFILE



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
5/14/93	1	2	3:06	3:08	3:08	3:11	3 MIN
		7	VIS OK -	SOIL CONSISTENT	0'-7' THIN SOLID	ROCK BOTTOM	
	2	2	3:15	3:17	3:17	3:20	4 MIN
		7	VIS OK	2'-9' + 16" SOLID	ROCK BOTTOM		
	3	2	VIS OK	2-11			
		11		THIN ROCK BOTTOM			
4/5/93	(R)	ROCK AT 2'	PURING ORIGINAL				
	(R)	ATTEMPT AT	TRENCH INSTALLATION				
HOLE	1 & 2	ARE IN GOLF COURSE AREA					
	HOLE 3	AND 3 ARE ACROSS CUA AGENT LOT BOUNDARY					

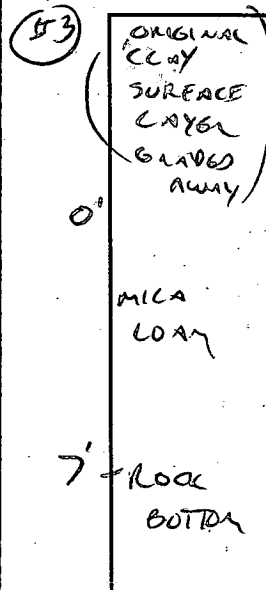
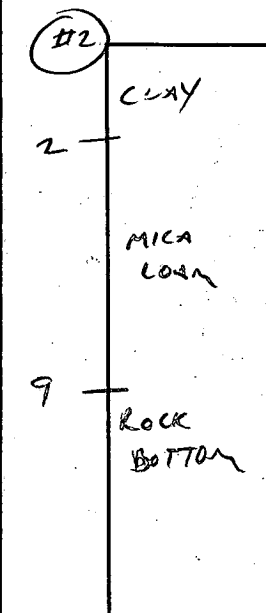
REMARKS SYSTEM TO BE SHALLOW AS POSSIBLE - ORIGINAL SURFACE CLAY LAYER HAS BEEN REMOVED

TYPE OF SOIL MICA LOAM (VARIABLE DEPTH TO BED ROCK 12-11')

TESTED BY C. W. [signature] ALSO PRESENT OKTOBRIAN, J. MARK REICH

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 MIN TRENCH WIDTH 3

INLET DEPTH 1' MAXIMUM BOTTOM DEPTH 3' SQ. FT./BEDROOM 180



APPLICATION

PERCOLATION TESTING

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

A 43720

P _____

DISTRICT 4

DATE 6-15-89

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 Sycamore Valley Property Partnership

ADDRESS 8307 Main Street, Ellicott City, MD 21043 PHONE 461-4600

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Sycamore Valley Section II LOT NO. 5

ROAD AND DESCRIPTION Maryland Route 97

TAX MAP 21 PARCEL # 6

SIZE OF LOT 3.4 ± Acres TYPE BLDG Single Family Dwelling
(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.

John C. R...
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING HOLD FOR CERTIFIED PLAT - PERC OK 8/14/89

HD-216

THIS IS NOT A PERMIT

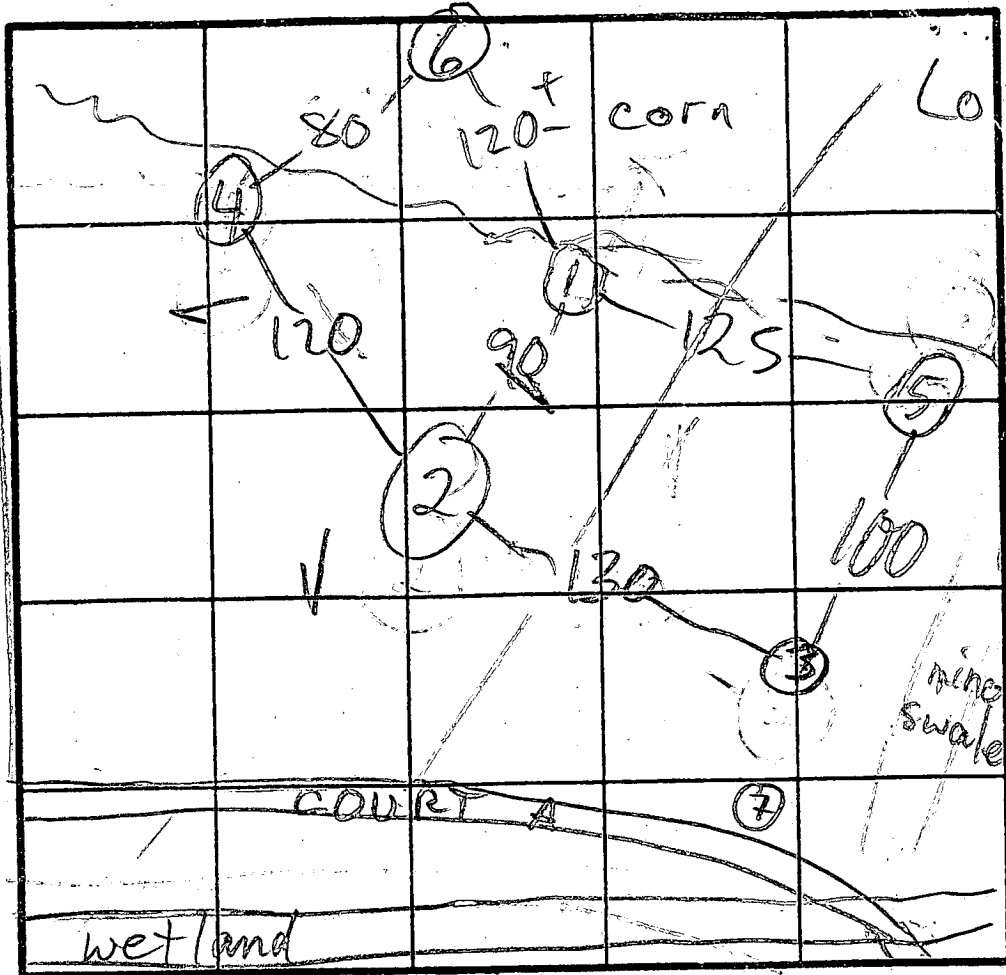
Lot 5
A 43720

Lot 4

Lot 6

SOIL PROFILE

6" topsoil
dk org. to
dk brn
3 1/2 clay loam
brn, org
pink
sand
loam
5% frags
some saprolite



⑥ H1
④② MED
H1
① MED
③⑤ LO

$\bar{x} = 3$
180' BR
Inlet 4'
bottom 8'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

③
6" topsoil
dk org
+ dk brn
clay
loam 3
dk
org to
dk brn
sand
loam
5-10%
saprolite &
other frags
rock formation
brn - 9

6" topsoil
brn, tan
yellow
3 1/2 clay loam
med
brn
org/yel
sand
loam
11 10% frags

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/18/84	1 S	4 1/2	1:22	1:23	1:23	1:25	2
11	1 V	11	1:21	1:24	1:24	1:29	5
	2 S	4 1/2	see profile				
	2 V	11	see profile				
	3 S	4	1:25	1:26	1:26	1:28	2
	3 V	10	see profile				
	4 S	5 1/2	1:30	1:34	1:34	1:46	12
	4 V	10	see profile				
	5	11	1:41	1:43	1:43	1:47	4
	6	11 1/2	sim to ②		clay to 4 1/2		5% frags
			LOOKS OK		20% frags		
			LOOKS OK				

REMARKS STAKES MOVED - HOLES NOT DUG PER PLAT ①②④⑥ USE

TYPE OF SOIL M. Ripkin
TESTED BY Ketterman
ALSO PRESENT Reuver

APPLICATION

PERCOLATION TESTING

(*Per test 12/22/92*)
A 48112

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 Cat Tail Creek LOT NO. Now LOT # 10

ROAD AND DESCRIPTION Route 99

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT) _____

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING for water well to go; + system first if approved

NO BASEMENT SERVICE SHALL OW / SYSTEM on adjacent lot c. 80

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

(OR I.G. PERC. AREA CUT $\rightarrow 10\frac{1}{2}'$ + in some areas)

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

THIS IS NOT A PERMIT

Retest
A48112

#10

Pg 2

Fence +/or Tree Line

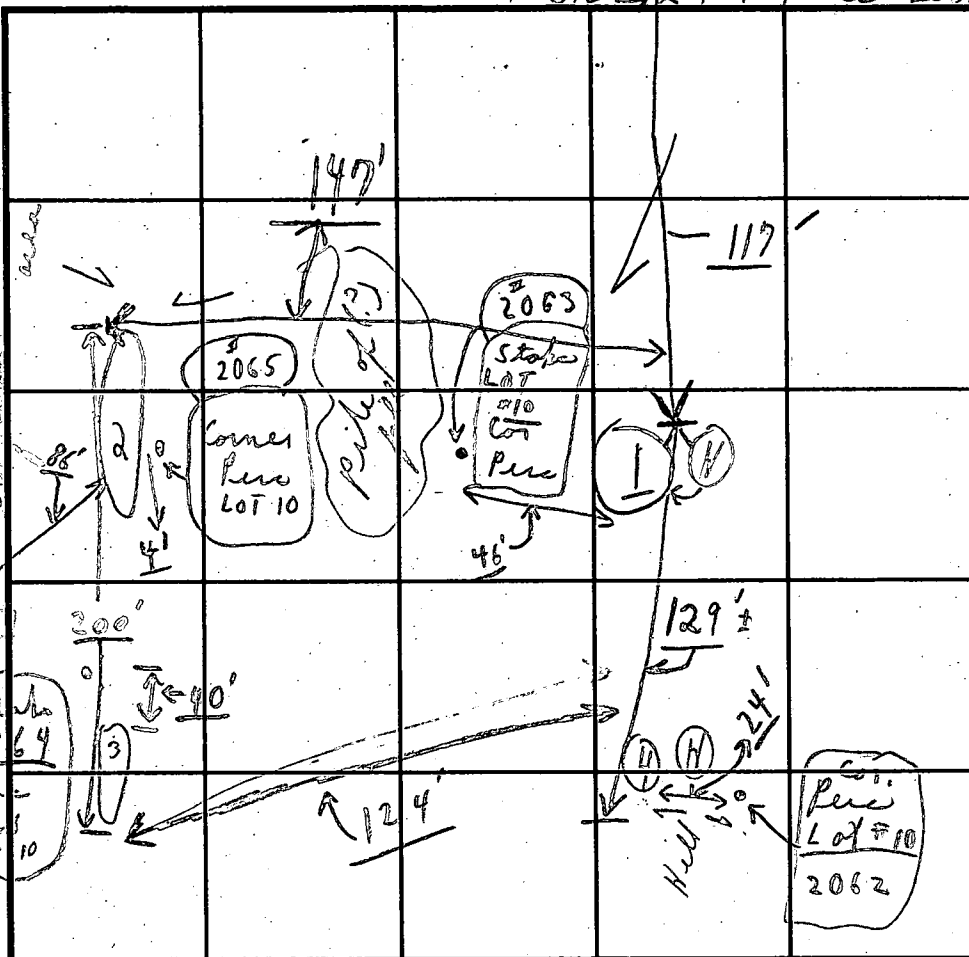
COUNTY #

SOIL PROFILE

0'

(all holes)
all loam
sandy
↓
to solid

Water Cut around Level



SOIL PROFILE

0'

Note: From well cut No count in 10' 1/2" to 11' 1/2" + to swale

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/22/92	2063 (1)	2'	2:47	2:49	2:49	2:53	4 in
Relax Trench	(1)	8'-8"	Lot Cut but tests in all loam to solid		regional soil		soil
in swale	2065 (2)	1 1/2'	2:57	3:02	3:02	3:13	11"
	(2)	9'	(all loam)				
	2664 (3)	2'	3:07	3:10	3:10	3:15	5 in
	(3)	9' 3"	all loam				
	(4)	1'	3:16	3:20	3:20	3:26	6 in
High	2062	9' 5"	65% sandy loam				
			(Rotten sandstone)		35%		
			(Holes #3 & 4 in swale)				

1'-down
loam

Hold for
REMARKS

TYPE OF SOIL

TESTED BY

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

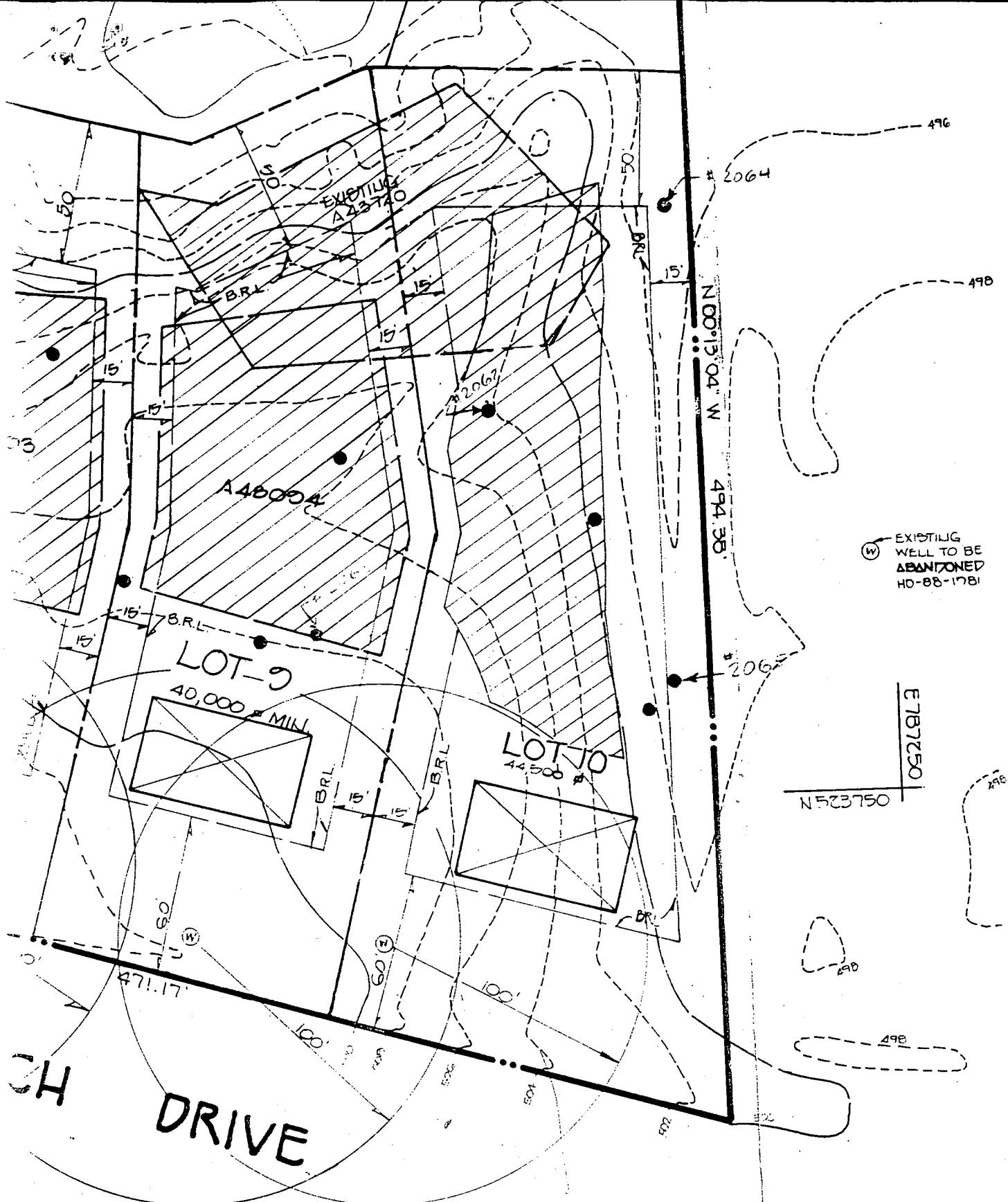
TRENCH WIDTH

No Basement
INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

(in No slope area) Limited shallow trenches (dial 3' - Max depth)



Signed Perc Cert Plat
3-12-93

MARYLAND

F-93-62
10-5-93

OWNER

CATTAIL CREEK COUNTRY CLUB, INC.
C/O MR. DAVID A. CARNEY
10715 CHARTER DRIVE
SUITE 200
COLUMBIA, MARYLAND 21044

DEVELOPER

SYCAMORE VALLEY PARTNERSHIP
C/O LAND DESIGN & DEVELOPMENT, INC.
10805 HICKORY RIDGE ROAD
SUITE 210
COLUMBIA, MARYLAND 21044

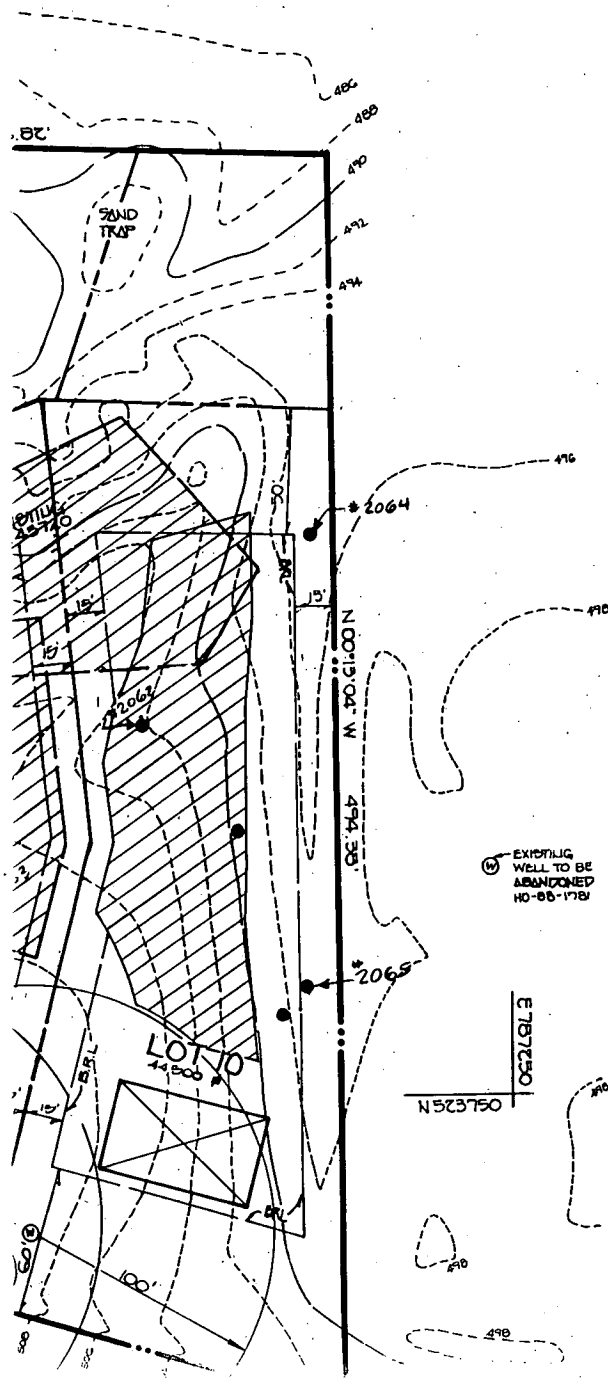
OWNER'S CERTIFICATE

BY CLUB, INC., BY DAVID A. CARNEY, PRESIDENT AND BARBARA LOHMAN, SECRETARY, OWNER OF
DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE

SURV

I HEREBY CERTIFY THAT THE
SUBDIVISION CONTAINING (1) A

E707250






1. ☒ THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. SUBJECT PROPERTY ZONED RC
4. PERCOLATION AREAS AND WATER WELLS FOR ADJOINING LOTS WILL BE SHOWN WHERE PERTINENT.

APPROVED FOR PRIVATE WATER AND PRIVATE
SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

Joyce M. Baylondres, Jr. 3/12/91
COUNTY HEALTH OFFICER DATE

LEGEND

-  DENOTES PROP. DWELLING
 DENOTES PROP. WELL
 DENOTES FIELD LOCATED PERC TEST

NOTE: FOR LOT 10, SEPTIC SYSTEM TO BE
INSTALLED PRIOR TO HEALTHS DEP.
APPROVAL OF FINAL PLAT.



2/16/93
1130

HOWARD COUNTY HEALTH DEPARTMENT

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

Reply to:

February 3, 1993

TO: Mark Reich
FROM: Craig Williams (CW)
RE: Review Comments
Percolation Certification Plan for Proposed Subdivision
Section 2 - Cattail Creek
Tax Map 21 - Parcels 2 and 24

It is the opinion of this office that proposed Lot 10, percolation test number A48112, should be deleted from this subdivision proposal.

The proposed septic area is overstated. The test plan shows a swale at the lower boundary of the proposed septic easement and fails to show another drainage area that has been constructed along the right property line. When the plan is revised to provide the requisite twenty-five foot separation between the septic easement and these features, it seems unlikely that sufficient area will remain to proposed minimum septic easement.

Even within that reduced area, there has been so much grading, both fill and cut, that it is difficult or impossible to determine where original soil conditions exist. A follow-up inspection February 1, 1993 indicates that additional grading has occurred since the most recent round of percolation testing, and it is apparent that even more grading will have to occur because of the soil pile that is currently stockpiled on-site. Even though final grade will be lower than original grade, the soils added to the site make it difficult to be confident that fill material would not make up a portion of the final septic easement.

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits 313-2640 Community Environmental Health 313-2642
Technical Services 313-2644 Director 313-2645 TDD 313-2323

Mark Reich

- 2 -

February 3, 1993

If the recommendation to delete this lot from the proposal is not acceptable to you, then we would delay any further review until we have been advised that all grading has been completed. Then a revised plan would be expected, accurately depicting final surface conditions, and relating them to the extent possible, to original conditions.

This decision has implication to the well permit and building permit applications currently on-file. Please contact this office at your convenience to discuss how this can be handled.

CW:hs

cc: Zach Fischer



HOWARD COUNTY HEALTH DEPARTMENT

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

November 25, 1992

Reply to:

MEMORANDUM

TO: Mark Reich
Land Design and Development, Inc.

FROM: Craig Williams, Program Director *C.W./C.B.S.*
Water and Sewerage Program
Bureau of Environmental Health

RE: Cattail Creek Country Club Property, Section II
Proposed Lots 6 - 10

This is to advise that the above referenced percolation certification plan cannot be recommended for approval at this time.

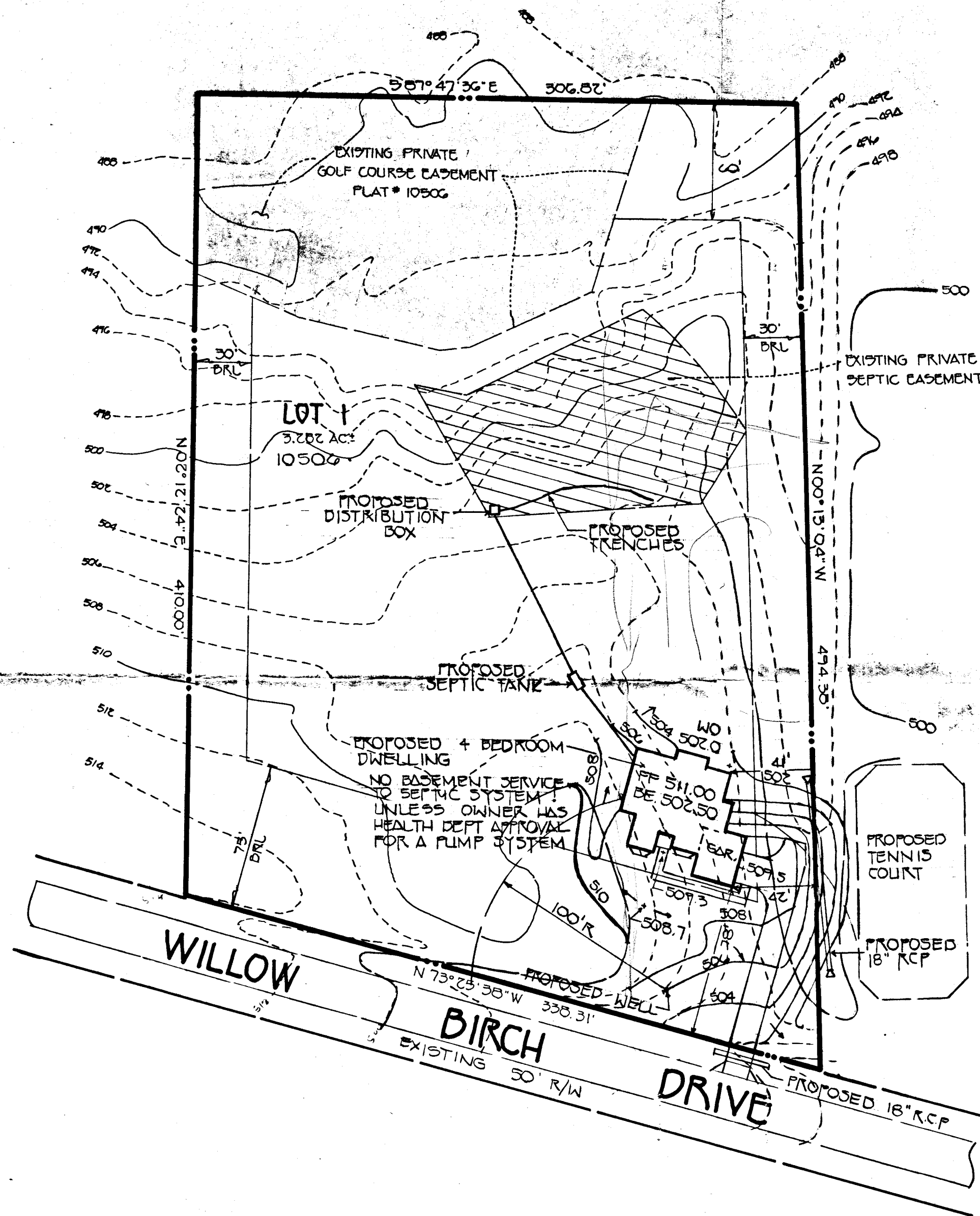
The reviewing sanitarian, Charles Streaker, has advised me that his inspection has revealed that obvious grading changes have occurred since the time of percolation testing in the proposed sewage disposal easements for both lots 6 and 10. It is suggested that you contact this office to schedule a mutual site inspection so we can confirm with you our areas of concern.

Unless it can be conclusively established that the septic areas have not been impacted, then the percolation test results would be considered invalid. Even if it should be determined that Lot 10 has not been impacted by the grading, the unusual configuration of its septic area makes the prospects for approval of this lot in doubt.

Approval of the pending well permit and building permit for the currently recorded Lot 1 (Lots 9 and 10 in the subdivision proposal) is also at issue.

CW:jr

cc: Charles B. Streaker, R. S.
Fisher, Collins and Carter
File



GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPT. NO. 43720.
2. PROPOSED 2,000 GALLON SEPTIC TANK.
3.
 - A. FIRST FLOOR ELEVATION: 511.00
 - B. BASEMENT ELEVATION: 502.50
 - C. INVERT OF SEPTIC SYSTEM AT HOUSE: 505.00
 - D. INVERT IN AT SEPTIC TANK: 504.1
 - E. INVERT OUT AT SEPTIC TANK: 503.8
 - F. PROPOSED GRADE OVER SEPTIC TANK: 506.5
 - G. INVERT AT DISTRIBUTION BOX: 502.00
 - H. EXISTING GROUND OVER DISTRIBUTION BOX: 505.0
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR/BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

PLOT PLAN
 TO ACCOMPANY BUILDING PERMIT
 SECTION 2
**CATTAIL CREEK
 COUNTRY CLUB**
 LOT 1

TAX MAP 21 GRID 8
 FOURTH ELECTION DISTRICT
 SCALE 1" = 50'

PARCEL 211 & PART OF PARCEL 2
 HOWARD COUNTY, MARYLAND
 DATE

FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

7171 BALTIMORE NATIONAL PIKE, SUITE 100

ELLICOTT CITY, MARYLAND 21042

TELEPHONE: (410) 461-0555

FAX: (410) 750-3764