

11/7/96
A3AP

102 ID-04-355709

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

P 50306B

A 48093

DISTRICT _____

DATE 9/29/94

DATE SYSTEM APPROVED 11/7/96

INSPECTOR AM

South Carroll backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Cattail Creek, Sec. II LOT 8 ROAD 3604 Willow Birch Drive

PROPERTY OWNER Goodier Builders, Inc. ~~Attrens Homes~~

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 350

***PRIOR TO BUILDING PERMIT ISSUANCES, SEPTIC SYSTEM TO BE INSTALLED IN THE LOWEST PART OF SEPTIC AREA DUE TO GOLF COURSE INTRUSION.

***ALL TRENCH EXCAVATION TO BE PERFORMED WHILE HEALTH DEPARTMENT SANITARIAN IS ON-SITE.

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

LOCATION - Start the LAST TRENCH 265 feet from the front lot line and 10 feet from the right lot line. Run trenches along contour toward left side of lot. (Upper trench should start approximately 235 feet from front 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. OK

PLANS APPROVED BY C. Williams DATE 09/27/94

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.

BLDG. PERMIT SIGNED

AND RETURNED 10/3/94

Sealed # 57102859
per septic tank index

A
48093

6/29/94
10:00

APPLICATION

PERCOLATION TESTING

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

(A) 51084A
R _____
DISTRICT _____

DATE 6/13/94

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 GOODIER BUILDERS (BOB GOODIER/STEVE APPLER)

ADDRESS _____ PHONE 410 997-7400

AGENT OR PROSPECTIVE BUYER CLARK FINEFROCK & SACKETT INC (JOEY ECKER)

ADDRESS 7135 MIDSTREL WAY Ca MD PHONE 410 381-7500

PROPERTY LOCATION:

SUBDIVISION CATTAIL CREEK SECTION 2 LOT NO. 8

ROAD AND DESCRIPTION WILLOW BIRCH DRIVE

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. J.E.
(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

50084A - LOT 8

COUNTY #

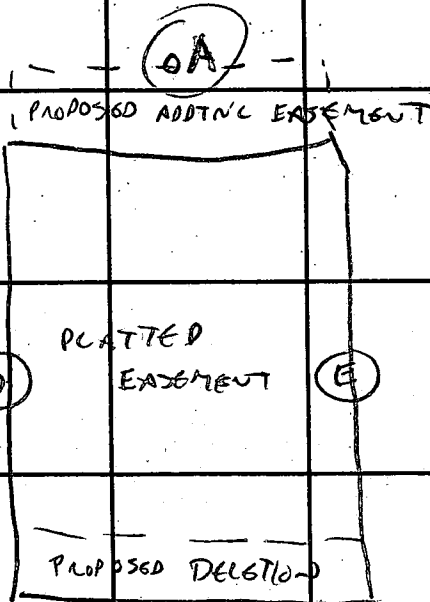
SOIL PROFILE

0'
 (C)
 2 1/2'
 CLAY
 SAND
 CORN
 12'

GOLF COURSE

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
 WILLOW BIRCH DRIVE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/28/94	A	3 1/2'	11:26	11:28	11:28	11:31	3 MIN
		VIS OK	2 1/2' -	12'	SAND CORN		
	D+E	VIS. OK	3-11'				

REMARKS

TYPE OF SOIL

TESTED BY C. Williams ALSO PRESENT SCHISSON, RGP-600162TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 MIN TRENCH WIDTH 2INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM 180

T

5-21-92
10:00am

APPLICATION

PERCOLATION TESTING

A 48093
P _____

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

DISTRICT _____
DATE 5/11/92

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 Allien Homes

ADDRESS 10805 Hickory Ridge Rd PHONE _____

PROSPECTIVE BUYER NA

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Cattail Creek LOT NO. X 78

ROAD AND DESCRIPTION Route 97 3604 Willow Birch Drive

BLDG. PERMIT SIGNED
AND RETURNED 7-18-96

TAX MAP 21 PARCEL # 211

Serial # B00101139

SIZE OF LOT 1 acre TYPE BLDG SF - 5 BRs
(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

(✓ water well sites closely)
as to perc areas C.Rod

Recommend
(PUT SYSTEM IN
FIRST. C.Rod
area may be cut)

THIS IS NOT A PERMIT

A# 48093

LOT 7
(all holes)
SOIL PROFILE

To Clay
4/1 ±

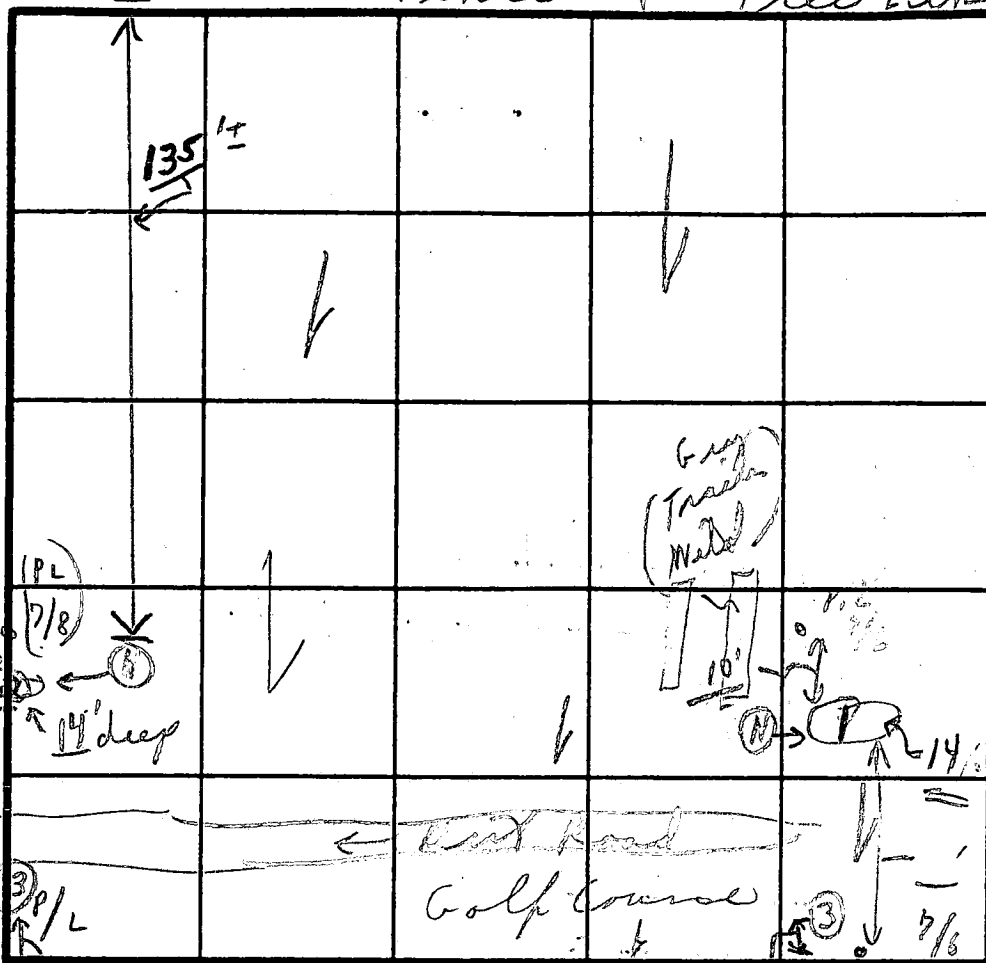
Sandy
Loam

4 $\pm$ 14 1

DRY

No ROCK

← Fence & Tree Line →



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/21	①	5'	(see lot #6)	#	① Hole		
	②	4 1/4'	12:29	12:32	12:32	12:35	3m
	③	14'					
	③	3 1/2'	12:26	12:28	12:28	12:33	4 1/2 m
		12 1/2'	sandy loam below clay				

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT

REMARKS 5/21 Tests on open moss GOLF COURSE + slope
 TYPE OF SOIL Sandy loam below clay
 TESTED BY C. Bell ALSO PRESENT { Mr. Olmsted Ketter
{ Tests on a knoll - heavy trucks - Tests slope + assistant
left side of property also in area shelves only



HOWARD COUNTY HEALTH DEPARTMENT

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

March 12, 1997

MEMORANDUM

To: Dohregean Homes

FROM: Amy Mc Millen, R.S.
Water & Sewerage Program

RE: Cattail Creek Country Club *ALM*
3604 Willow Birch Drive
Lot 8

On March 7, 1997 an inspection of the above referenced lot revealed the presence of two propane tanks in the center of the recorded sewage disposal easement. On October 31, 1996, recommendation for the approval of a building permit for the placement of these two propane tanks was given at a location that was only 20 feet from the corner of the house. This approved placement would have had no adverse impact on the recorded septic easement. The actual location of 60 feet off the back of the house not only destroyed approximately 1,250 sq. ft. of the easement but it presents a safety hazard for future septic repair installations.

COMAR 26.04.03.03 requires the establishment of a 10,000 sq. ft. septic easement which is "exclusive of buildings,... and other permanent or physical objects.", for the installation of an initial septic system and 2 repairs. Because of the loss of 1,250 sq. ft. from the recorded sewage disposal easement, the remaining undisturbed septic area is not in conformance with this regulation.

Please contact this office between 8:00 a.m and 5:00 p.m. at (410)313-2640 so that a meeting in this office can be scheduled to resolve this issue. Thank you for your cooperation in this matter and if there are any questions, please feel free to contact me.

AM:am
cc:File
Americans

3/25/97
American has no record
of putting tanks in *ALM*

MVER →

3/28/97

Meeting w/ Sean Carney in this office:

Conclusion - No fix seen therefore, submit a drawing to this office giving exact dimensions and locations of propane tank(s) so that repairs can be safely installed in the future.

A McMillen

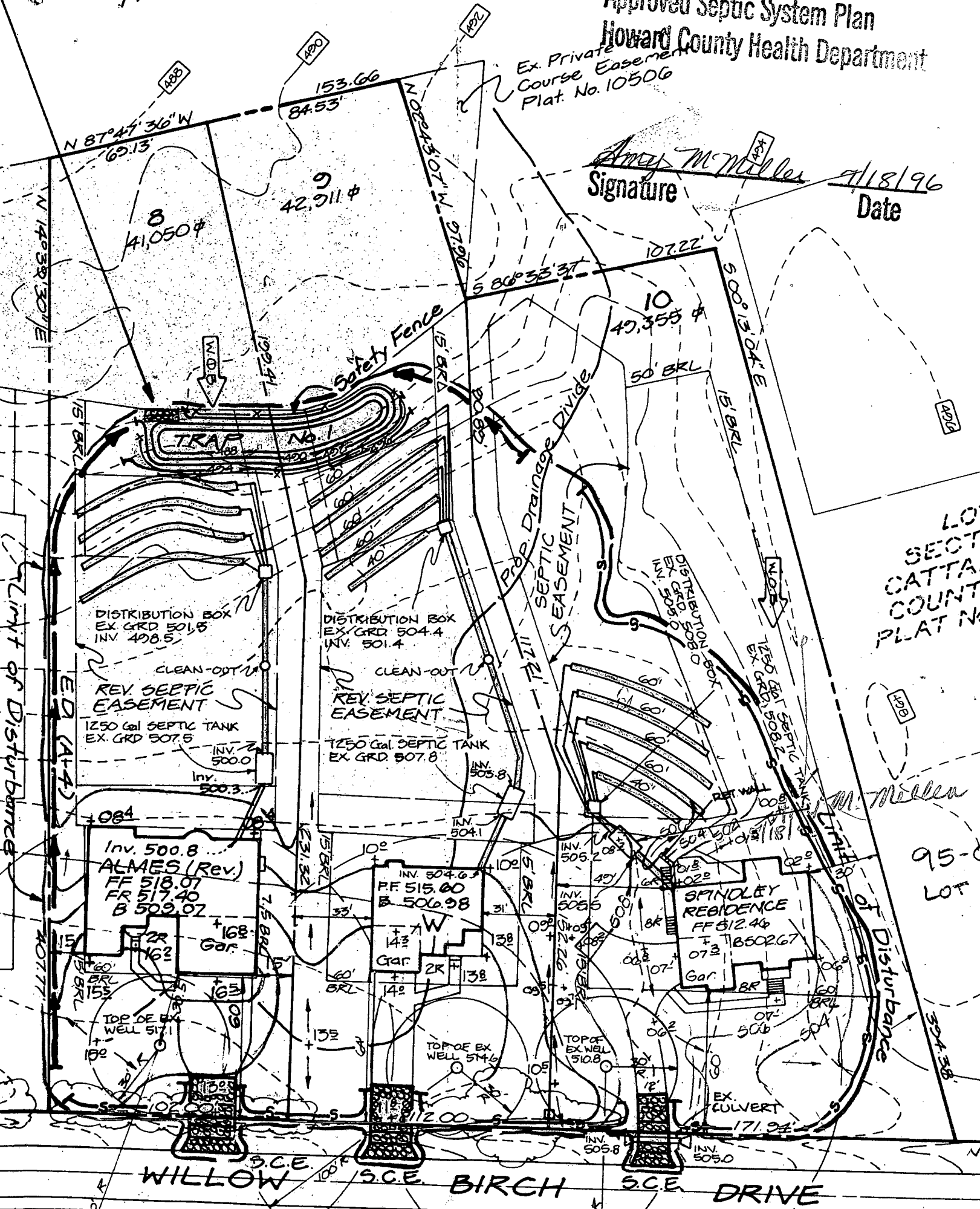
PARCEL 'B'

Approved Septic System Plan Howard County Health Department

Ex. Private
Course Easement
Plat. No. 10506

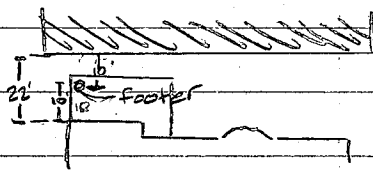
Amy M. Miller
Signature

9/18/96
Date



To File:

On 2-26-97 I met builder on site to assess the possibility of a deck. I had no file at the time of the inspection but it would appear that a 12' wide (rather than a 14' as requested) could be placed on the rear of the house. This would ~~allow~~ allow a 10' separation between the footers of the deck and the sewage disposal easement. See diagram:



Problem observed in the field was the improper placement of the propane tanks that were permitted on 10/31/96. They appear to be approximately 50' into the SDA. Actual impact unknown at this time & unknown whether it was permitted. I told builder that ~~to~~ 12' wide deck seems possible but that the combined effect of a less than 20' ~~to~~ ^{deck} to septic intrusion & a propane tank in the SDA may present some problems with

putting in any type of deck. Amy
McMille

3/17/97 Tank placed 60' from the back of the
house need to consult CW with problem
ALM

CA

40%

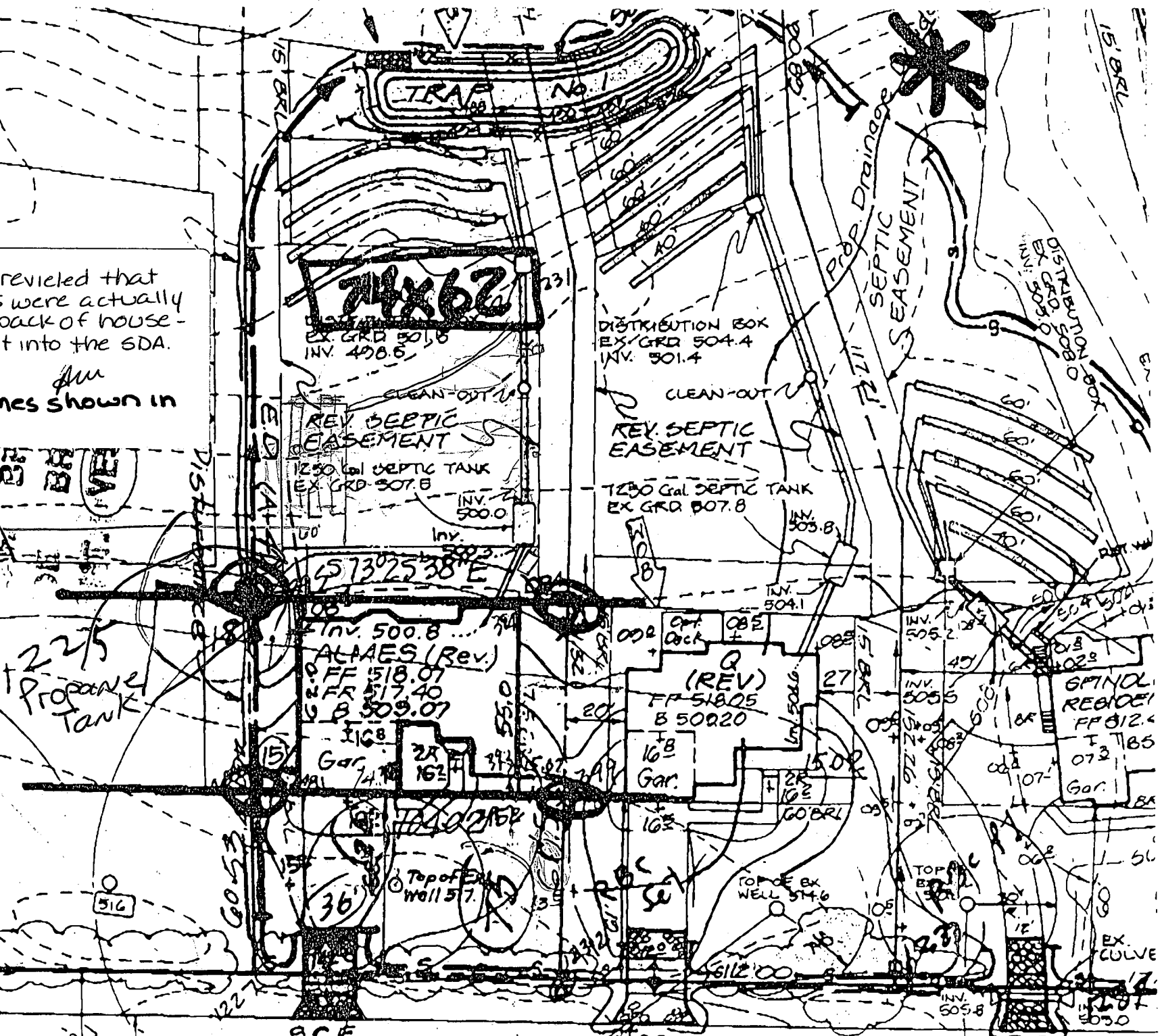
3-7-97
Site inspection revealed that
propane tanks were actually
set 60' from back of house -
encroachment into the SDA.

3/28/97 Tanklines shown in
blue ALM

10' from Property Line
30' from Septic Easement
over 30' from well
20' from corner of
house

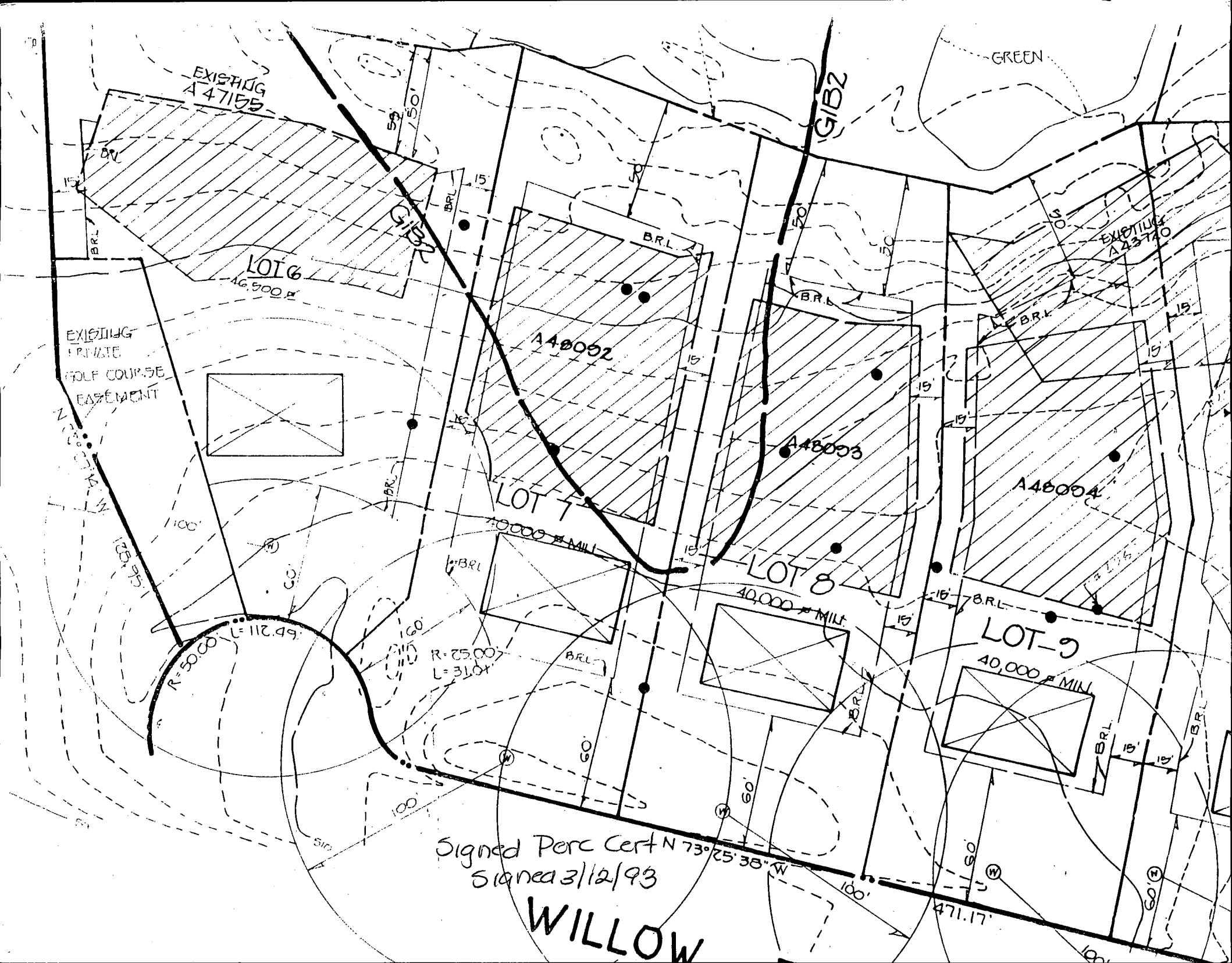
10/31/96
location of propane
tanks will have no
impact to existing well
OR septic Army McMiller

3-2-97



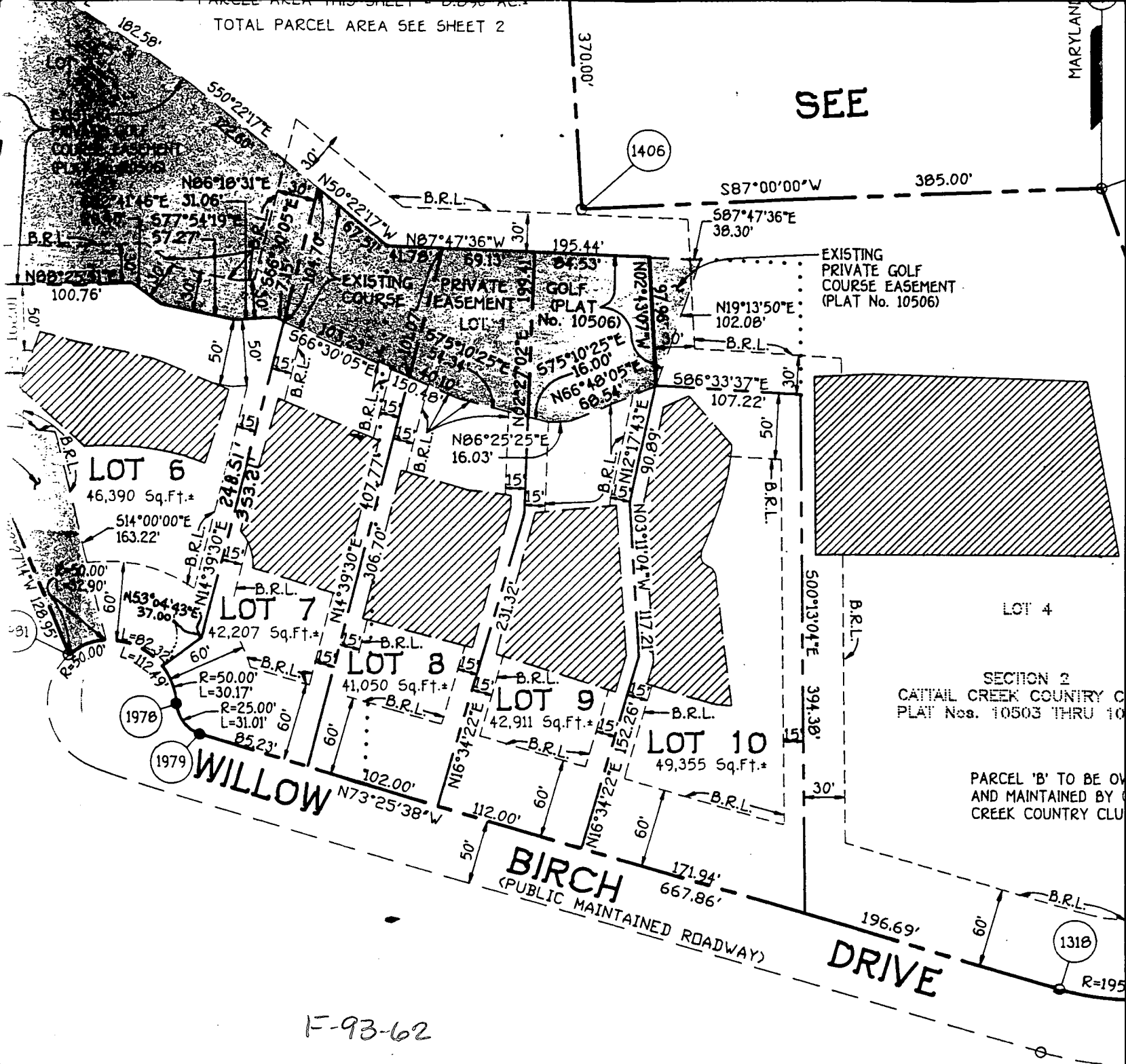
3/28/97 No fix for in place propane tanks.
leave it alone ALM

Aug 02, 96 13:37 P.01



TOTAL PARCEL AREA SEE SHEET 2

SEE



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

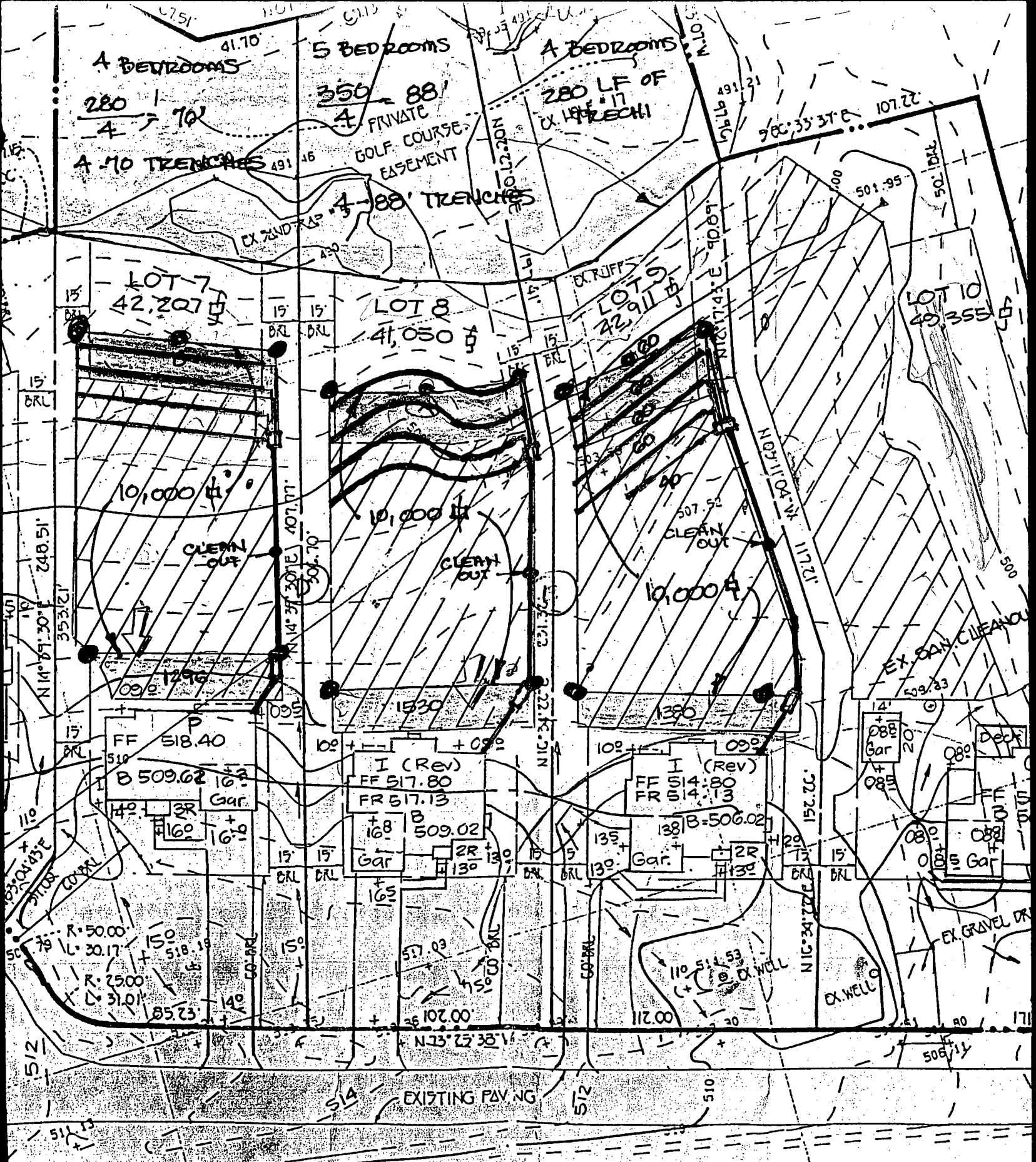
SYCAMORE VALLEY PARTNERSHIP
C/O LAND DESIGN & DEVELOPMENT, INC.
10805 HICKORY RIDGE ROAD
SUITE 210
COLUMBIA, MARYLAND 21044

OWNER'S CERTIFICATE

SURV

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

I HEREBY CERTIFY THAT T
SUBDIVISION CONTAINING (1) A



For LOT 8 CATTAIL CREEK SECTION II

Approved Septic System Plan
Howard County Health Department

Craig Wilber
Signature Date 9/27/94

C1	0489	SEQUENCE NO. (DENV USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.	
			FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		COUNTY NUMBER	
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		DATE WELL COMPLETED		Depth of Well		
ST/CO USE ONLY DATE Received		080393		300		
PERMIT NO. FROM "PERMIT TO DRILL WELL"		H0-92-C418				

OWNER	SYCAMORE VILLAGE PARTNERSHIP	
STREET OR RFD	last name	first name
SUBDIVISION	CATTAGE CREEK II	SECTION
		LOT 8

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	20
Sand Stone	20	25
MICKA	25	50
Sand Stone	50	53
MICKA	53	160
Sand Stone	160	162
MICKA	162	300

GROUTING RECORD	
WELL HAS BEEN GROUTED	
(Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT	BENTONITE CLAY
CM	BC
NO. OF BAGS	NO. OF POUNDS
2	100
GALLONS OF WATER	
48	
DEPTH OF GROUT SEAL (to nearest foot)	
from 0 ft. to 32 ft.	
(enter 0 if from surface)	
CASING RECORD	
casing types insert appropriate code below	
ST CO	
STEEL CONCRETE	
PL OT	
PLASTIC OTHER	
MAIN CASING TYPE	
Nominal diameter top (main) casing (nearest inch)	
Total depth of main casing (nearest foot)	
PL 6 35	
OTHER CASING (if used)	
diameter depth (feet)	
inch from to	
EACH CASING	
screen type or open hole	
insert appropriate code below	
ST BR HO	
STEEL BRASS OPEN HOLE	
BRONZE PL OT	
PLASTIC OTHER	
C2	
DEPTH (nearest ft.)	
H0 33 300	
EACH SCREEN	
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN	
(NEAREST INCH)	
56 60	
from to	
GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T (E.R.O.S.) W Q	
70 72 74 75 76	
TELESCOPE CASING LOG INDICATOR OTHER DATA	

C3	
PUMPING TEST	
HOURS PUMPED (nearest hour)	
3	
PUMPING RATE (gal. per min. to nearest gal.)	
4	
METHOD USED TO MEASURE PUMPING RATE	
Bucket	
WATER LEVEL (distance from land surface)	
BEFORE PUMPING	
53	
WHEN PUMPING	
95	
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 WILL INSTALL PUMP YES NO	
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:	
CAPACITY: GALLONS PER MINUTE (to nearest gallon)	
PUMP HORSE POWER	
PUMP COLUMN LENGTH (nearest ft.)	
CASING HEIGHT (circle appropriate box and enter casing height)	
+ above - below	
LAND SURFACE	
2 (nearest foot)	
LOCATION OF WELL ON LOT	
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)	

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	
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 IDENT. NO. 117	
DRILLERS SIGNATURE	
(MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T (E.R.O.S.) W Q	
70 72 74 75 76	
TELESCOPE CASING LOG INDICATOR OTHER DATA	

LOCATION OF WELL ON LOT	
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)	
well 60'	
70'	
Road	