

APPLICATION

PERCOLATION TESTING

A 513 273

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

*Proposal - to modify
SDA to accomodate
preferred house site*

P _____

DISTRICT _____

DATE 2/22/2000

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 Cattail Creek Country Club, Inc.

ADDRESS 3600 Cattail Creek Dr., Glenwood, MD 21738 PHONE _____

AGENT OR PROSPECTIVE BUYER Heritage Land Development

ADDRESS 3060 Rt. 97, Suite 220, Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:

SUBDIVISION Cattail Creek, Section 2 LOT NO. 3

ROAD AND DESCRIPTION Lot #3, Willow Branch Way Willow Birch Drive

TAX MAP 21 PARCEL # 211

SIZE OF LOT 3.377 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.

[Signature]
(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 _____

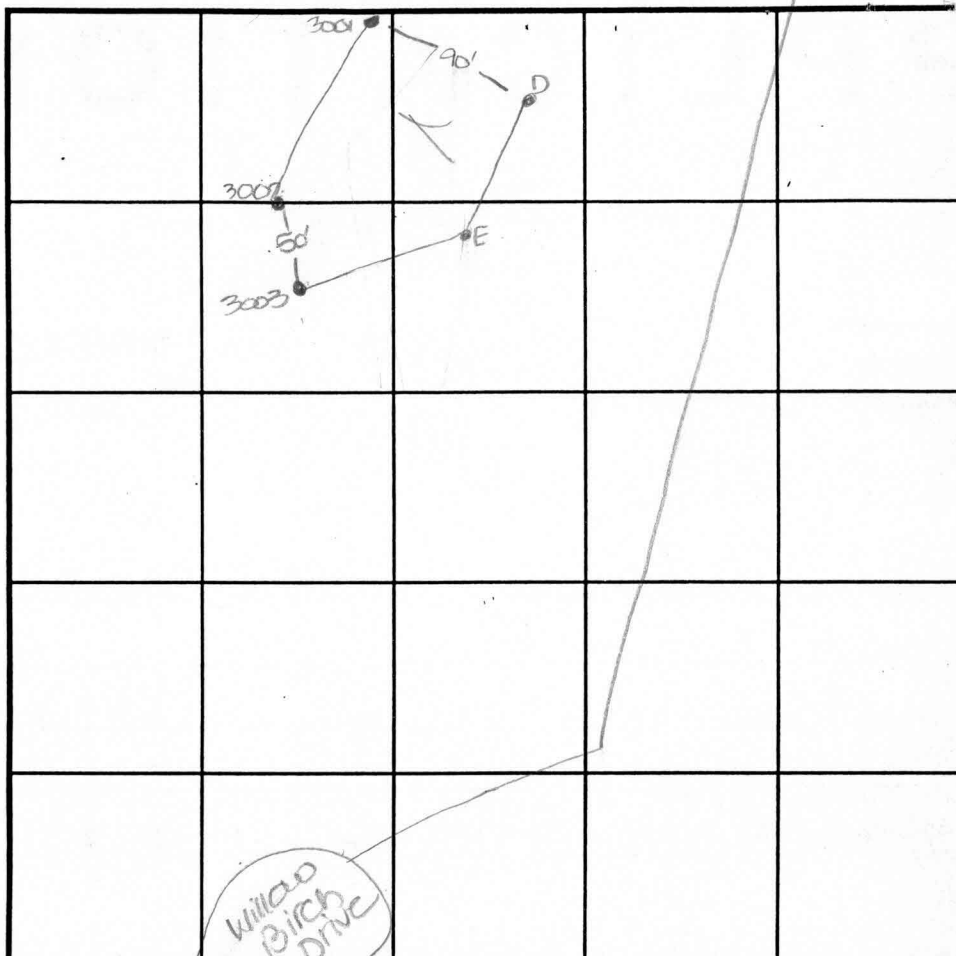
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' D/E
clean fill material
4' org brn cl Lm
tan sil Lm
15%+ sapr shale frag
15'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 3003
topsoil
org brn cl Lm
5' 14 brn sa Lm
10-15% hard rock frag
13' 3002
topsoil
red org brn cl Lm
5' 14 org brn sa Lm
14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-10-00	3002	5.5'S	11:21	11:23 ₃	11:23 ₃	11:27	4
		14.0'D	visual	-see	profile		OK
	3003	5.5'S	11:28	11:31	11:31	11:35	4
		13.8'D	visual	-see	profile		OK
	3001	5.0'S	11:37	11:39	11:39	11:41	2
		14.0'D	visual	-see	profile		OK
	D/E	15.0'D	visual	-see	profile		OK

REMARKS holes tested as stated

TYPE OF SOIL

TESTED BY DESALSO PRESENT T. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

0' 3001
topsoil
11' org red brn cl Lm
4.5' 14 brn to tan sa Lm
20%+ frag
14'

SOILS LEGEND

SOIL	NAME	CLASS
GIB2	Glenn loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glenn loam, 8 to 15 percent slopes, moderately eroded	B
GIC3	Glenn loam, 8 to 55 percent slopes, severely eroded	B
MIB2	Manor loam, 3 to 8 percent slopes, moderately eroded	B

NOTES:

- * Hydric soils and/or contains hydric inclusions
- ** May contain hydric inclusions
- † Generally only within 100-year floodplain areas

GENERAL NOTES

- SUBJECT PROPERTY ZONED "RC-DEO" PER 9/18/92 COMPREHENSIVE ZONING PLAN.
- PRIVATE WATER AND SEWER TO BE UTILIZED.
- SOILS MAP No. 12.
- THIS AREA DESIGNATES A PRIVATE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- BOUNDARY OUTLINE BASED ON RECORDED PLAT No. 10927.
- TOPOGRAPHIC CONTOURS BASED ON FIELD RUN TOPO 1992.
- PERCS SHOWN HEREON HAVE BEEN FIELD SURVEYED AND LOCATED BY FISHER, COLLINS & CARTER, INC. (SEE LEGEND FOR DESCRIPTION).
- ALL WELL AND SEPTIC WITHIN 100' OF THIS BOUNDARY ARE SHOWN.

LEGEND

- PROPOSED WELL LOCATION
- POSSIBLE HOUSE SITE
- GOOD PERCOLATION
- FAILED PERCOLATION
- EXISTING SEPTIC AREA ON LOT TO BE MODIFIED
- EXISTING SEPTIC AREAS ON ADJACENT PROPERTY

signed Perc Certification Plan
Cattail Creek Country Club
Section 2
Lot 3

Tax Map No. 21 Parcel No. 211
Fourth Election District Howard County, Maryland
Scale: 1" = 50'
Date: February 9, 2000

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
EXTERNAL SQUARE OFFICE PARK 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
4100 402 - 2095
F.C.C. 30359 Perc Cert.dwg

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Dr. [Signature]
COUNTY HEALTH OFFICER
DATE: 4/17/00

K:\Drawings\30359 Cattail Creek Lot 3\30359 Perc Cert.dwg Tue Apr 04 16:58:48 2000 \\LANDEV1\A.D.

LINE SEE SHEET 4

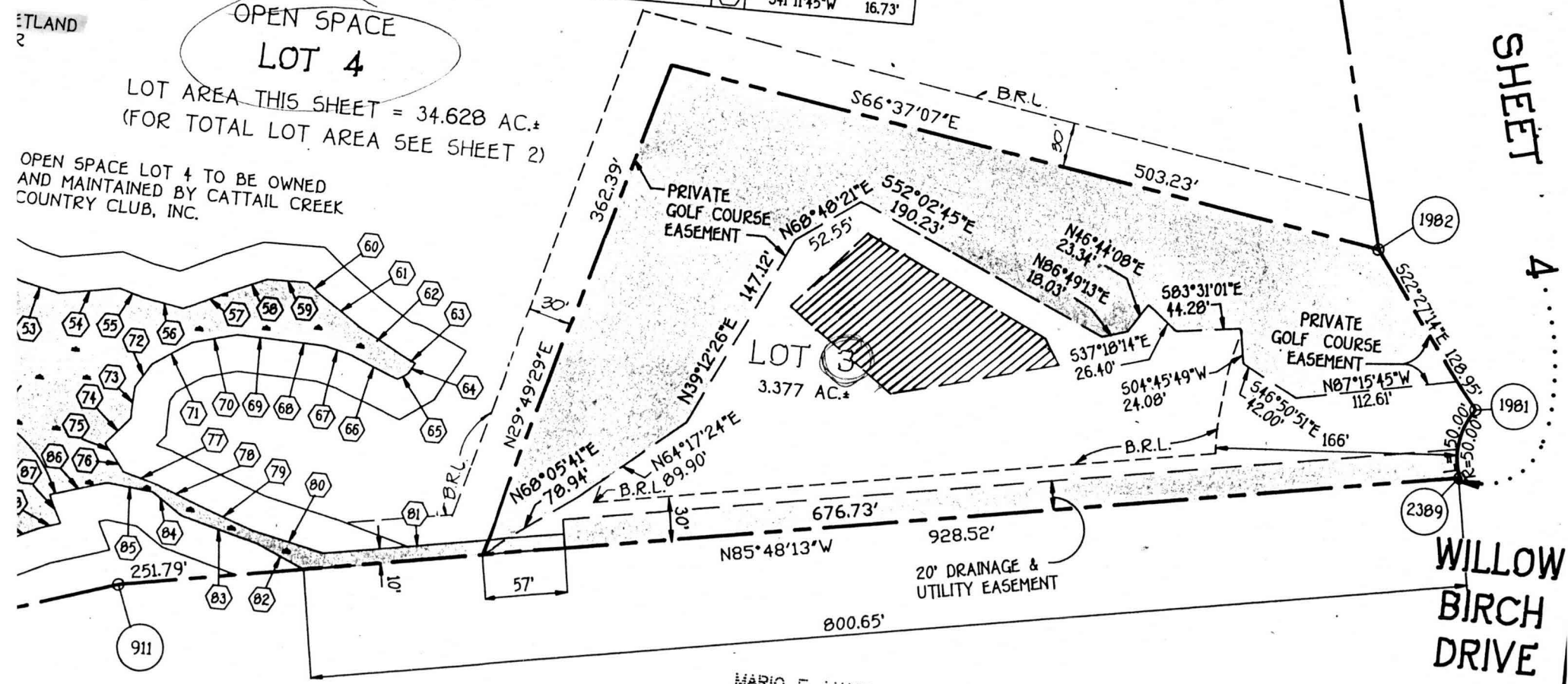
WILLOW BIRCH DRIVE

51°18'E 65.93'	(29)	S19°02'06"W 29.13'	(49)	513°58'24"E 18.25'	(68)	N74°21'34"W 29.07'	(88)	S12°47'18"E 21.35'
2°14'E 76.65'	(30)	S13°01'38"W 64.53'	(50)	526°13'50"E 16.52'	(69)	N74°11'55"W 32.07'	(89)	S06°22'23"W 15.22'
°59'E 97.58'	(31)	S18°11'12"W 30.88'	(51)	532°55'23"E 29.62'	(70)	S08°28'28"W 31.73'	(90)	S78°04'58"W 23.70'
°37'E 115.87'	(32)	S18°30'55"W 45.41'	(52)	551°10'30"E 53.35'	(71)	S69°53'30"W 31.01'	(91)	S06°24'06"W 28.60'
°8'E 59.62'	(33)	S23°44'21"W 40.80'	(53)	S64°14'08"E 27.97'	(72)	S44°45'54"W 18.81'	(92)	S73°10'05"W 28.05'
°2'E 76.60'	(34)	S32°07'08"W 31.88'	(54)	S06°06'01"E 42.33'	(73)	S16°35'33"W 22.18'	(93)	S61°28'49"W 30.01'
°2'E 33.51'	(35)	S23°19'26"W 20.86'	(55)	S59°23'54"E 18.43'	(74)	S55°27'22"W 25.36'	(94)	S59°34'34"W 31.23'
°11'W 43.04'	(36)	S11°53'30"E 24.25'	(56)	S66°11'06"E 27.92'	(75)	S24°05'39"E 10.63'	(95)	N08°54'13"W 28.24'
°1'E 36.78'	(37)	S53°55'49"E 78.21'	(57)	N78°00'16"E 38.96'	(76)	S23°03'54"E 12.49'	(96)	N09°09'56"W 49.70'
°E 48.78'	(38)	S52°03'16"E 23.20'	(58)	N01°02'28"E 23.57'	(77)	S60°49'18"E 25.49'	(97)	N07°31'22"W 31.86'
°E 37.24'	(39)	S57°45'39"E 39.98'	(59)	S76°47'55"E 28.16'	(78)	S54°59'46"E 28.18'	(98)	N74°35'55"W 49.87'
	(40)	S06°22'54"E 38.83'	(60)	S36°06'02"E 12.40'	(79)	S56°09'21"E 44.57'	(99)	S74°42'48"W 38.89'
					(80)	S63°23'05"E 51.46'	(100)	S28°27'39"W 25.42'
								S41°11'45"W 16.73'

OPEN SPACE LOT 4

LOT AREA THIS SHEET = 34.628 AC.*
(FOR TOTAL LOT AREA SEE SHEET 2)

OPEN SPACE LOT 4 TO BE OWNED AND MAINTAINED BY CATTAIL CREEK COUNTRY CLUB, INC.



MARIO F. MANNARELLI, SR.
MARIO F. MANNARELLI, JR.
LIBER 2020, FOLIO 224

copy of signed
Final F-90-62

AND