

APPLICATION

PERCOLATION TESTING

A 5022500

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 Dario Mammarella

ADDRESS c/o Land Design Development
2805 Hickory Ridge Rd PHONE 703-2100

AGENT OR PROSPECTIVE BUYER Dara Reich

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Vineyards at Cattail Creek LOT NO. 358

ROAD AND DESCRIPTION Route 97 3555 Cattail Creek

TAX MAP 21 PARCEL # 2,132,220 + 211

SIZE OF LOT 1 ± acres 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.

Myal Skel
(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. # SP 96-11 DATE 2/28/96

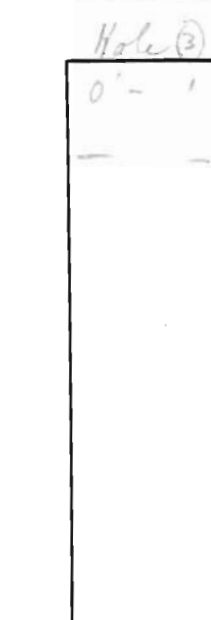
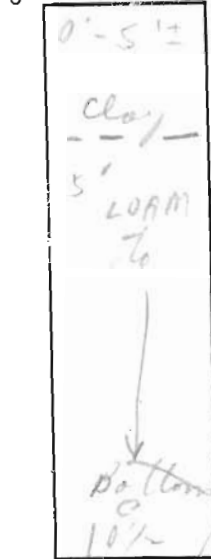
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # ✓ DATE _____

THIS IS NOT A PERMIT

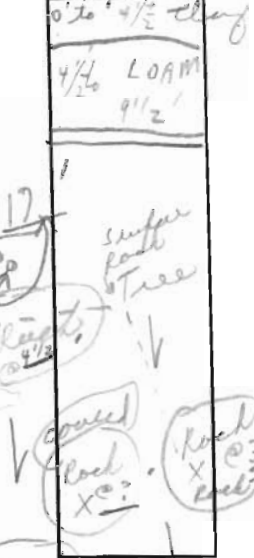
A5022500

Now 37

COUNTY #
LOT 35
SOIL PROFILE
Hole ①



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/20/74	LOW ① (P.M.)	5'	1:00	1:05	1:06	1:22	16 min *
	No slab	10 1/2"	(LOAM)	(Loam)		near lane	Need notes
	②	5'	10:58	11:00	11:00	11:04	4min
	4377 4382	11'-5"					See Lot 34
	③	5'	11:01	11:03	11:03	11:06	2min
	4281	11'					Loam (see lot 34)
	④	4 1/2"	11:19	11:26	11:26	11:40	14 min
	④ 5 1/2" nich #4251	9 1/2"					LOAM

REMARKS 9/20 Tests in open; Test near slab (3rd lot today)

TYPE OF SOIL LOAM

TESTED BY C.B.D. ALSO PRESENT (M. Reed + 2)

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

SP-96-11

CATAL CREEK COUNTRY CLUB
SECTION 2
PLAT No. 11050
RC-DEC

P:6
325'
50' R/W
No. 105061

BIRCH DRIVE

PARCEL "B"

CATAL CREEK DRIVE
S81°18'50"E
37.32'
R-325.00'
L-126.94'

(EX 50' R/W)
(PLAT No. 10505)

DRIVE

ENLARGEMENT
SEE THIS
DRAWING

57' GRACE FAIRWAYS
LOT 1
PLAT No. 10614
3.36 AC.
RC-DEC

500' LOT SEPARATION
AND 100' LOT
SEPARATION FOR LOTWAYS

TYPE P-10 BUFFER
OF

325' BUFFER

135.00'

EXISTING LOT 2
44,550 Sq. Ft.
PLAT No. 11776

A50225HH

EXISTING LOT 3
45,794 Sq. Ft.
PLAT No. 11776

A50225JJ

PHASE I

OPEN SPACE LOT II
DEDICATED TO
THE OWNER'S ASSOCIATION

290.36'

DRAINAGE
AND UTILITY
EASEMENT

PRESERVATION
PARCEL "A"
0.700 AC.

RIPRAP
APRON

135.00'

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44,550 Sq. Ft.
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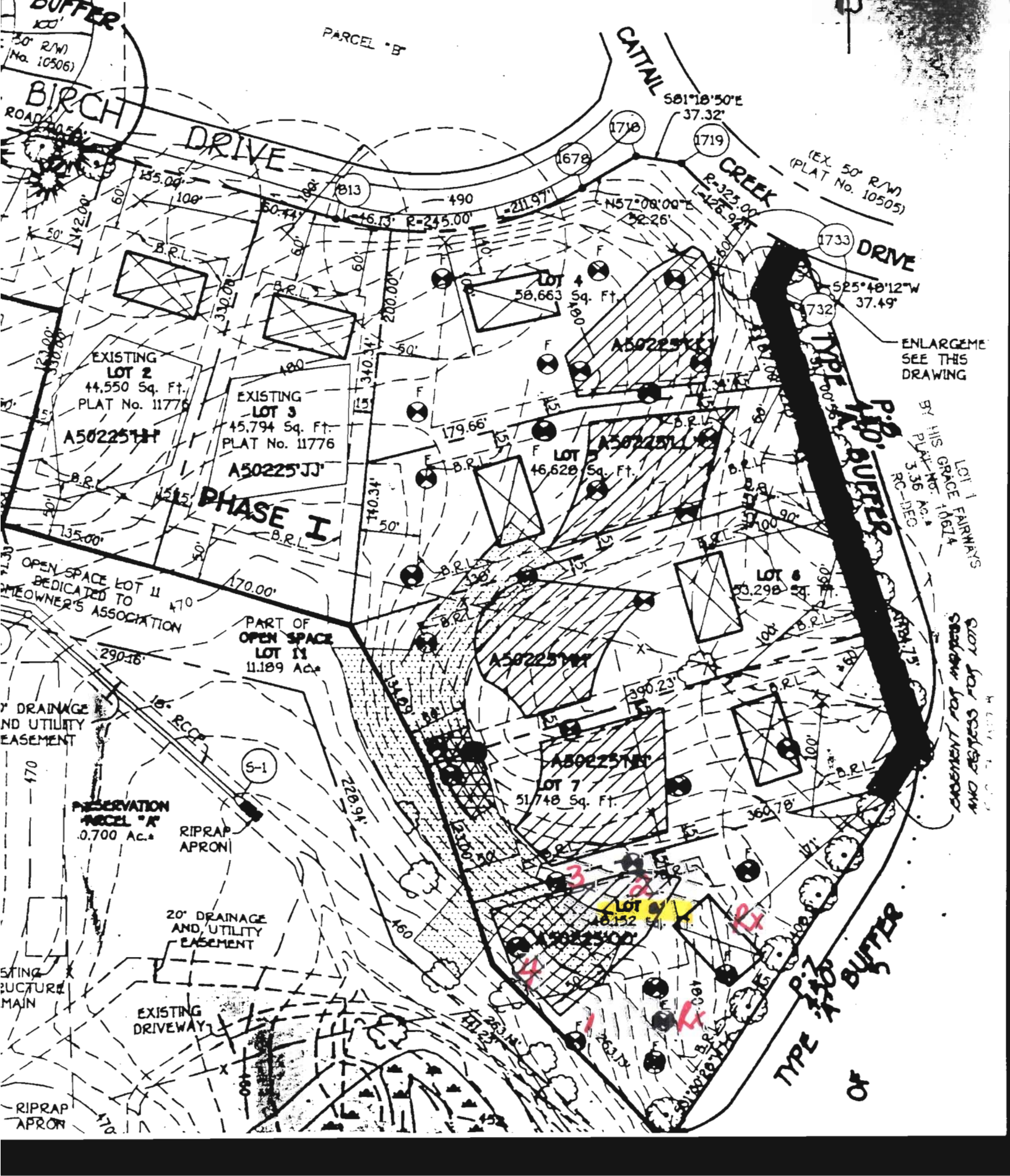
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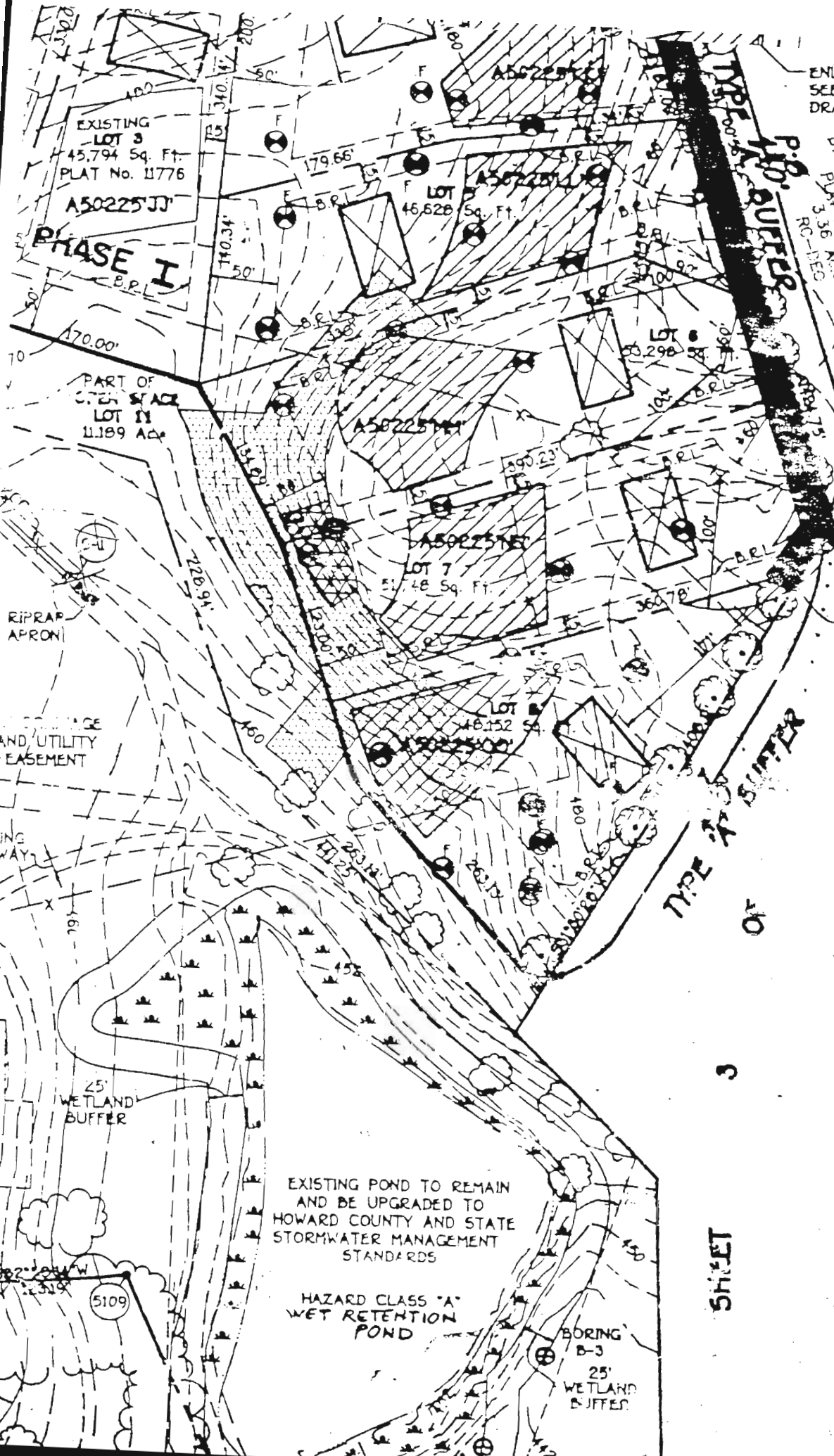
RIPRAP
APRON



ENLARGEMENT
SEE THIS
DRAWING

BY HIS
GRACE 10674
PLAT No. 336
RC-REC

LOT 1 FARMWAY'S
FOR SETBACK AND
SIDEWALK FOR LOT 1 AND 2
5, 6, 7 AND 8



EXISTING
LOT 3
45,794 Sq. Ft.
PLAT No. 11776

LOT 4
46,628 Sq. Ft.

LOT 7
51,48 Sq. Ft.

LOT 8
48,152 Sq. Ft.

PHASE I

PART OF
CITY SPACE
LOT 11
11,189 AC

RIPRAP
APRON

EASEMENT
AND UTILITY
EASEMENT

EXISTING
VEHICLE
WAY

25'
WETLAND
BUFFER

EXISTING POND TO REMAIN
AND BE UPGRADED TO
HOWARD COUNTY AND STATE
STORMWATER MANAGEMENT
STANDARDS

HAZARD CLASS "A"
WET RETENTION
POND

BORING
B-3
25'
WETLAND
BUFFER

TYPE A BUFFER

SHEET 3

SP. 96.11

A 5022500

SUBDIVISION: Vineyards at Cattail

LOT NUMBER B

STREET NAME: Cattail Creek Drive

AVERAGE PERCOLATION RATE: 15 min. SQUARE FEET PER BEDROOM: 240

NUMBER OF BEDROOMS: _____ LINEAR FEET OF TRENCH PER BEDROOM: 80

TOTAL LINEAR FEET OF TRENCH: _____

SEPTIC TANK CAPACITY: _____ GALLONS

TRENCH DIMENSIONS

Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

PUMPED SYSTEM PROPOSED: YES NO

PUMPED SEPTIC SYSTEM DETAIL

_____ Gallon pump chamber: top seamed center seamed

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

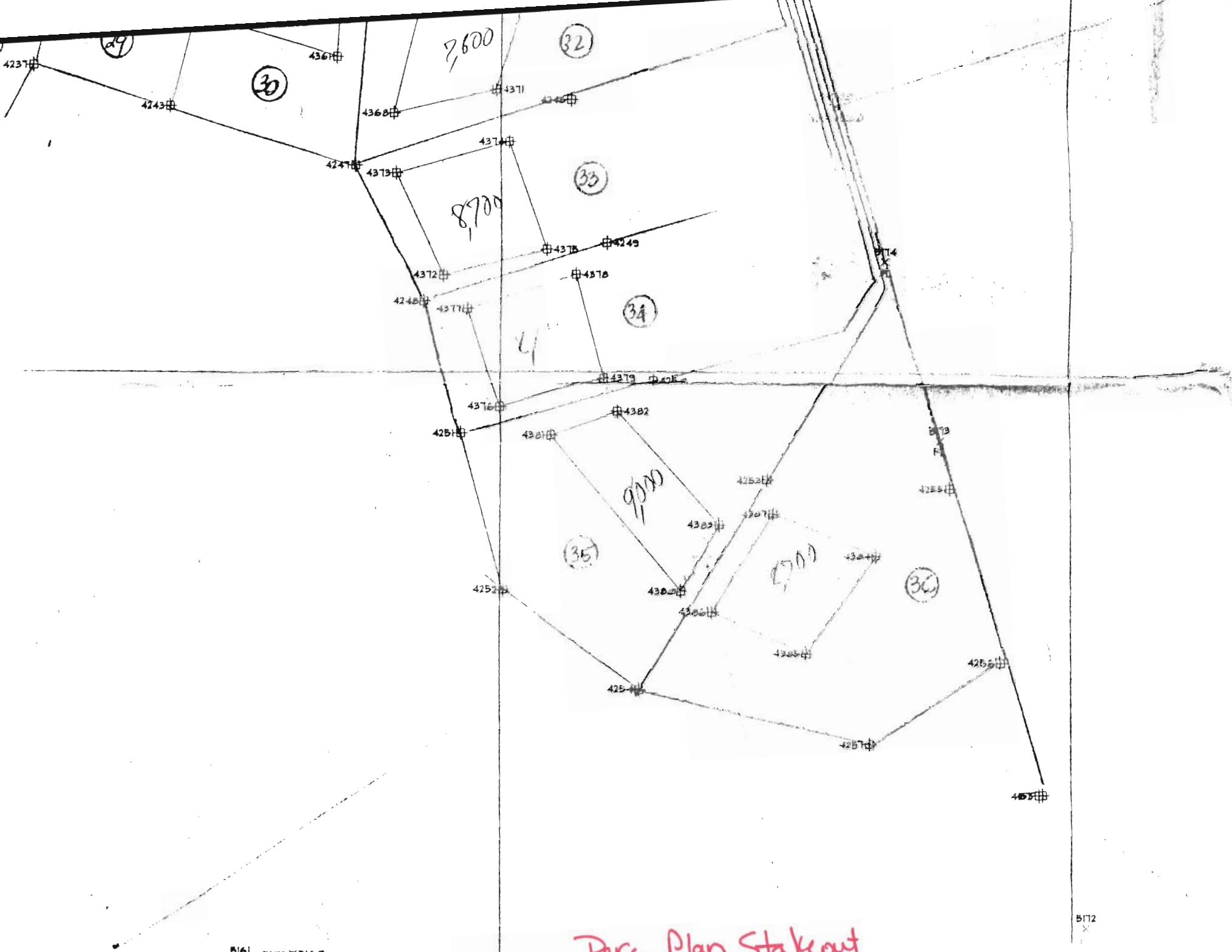
Note 2: Pump performance test is necessary prior to Health Department approval of pumped septic system

LOCATION: From the end of the ppsystem access place the distribution box 185' down the right (360') lot line and 30' off that lot line. Run trenches on contour towards right side of property.

ADDITIONAL NOTES: System to be installed before building permit approved; installation to be prescheduled so that sanitarian is on site during trench installations

Reviewer: Craig Williams / Kim Maiste

Date: 1-30-97



Peric Plan Stakeout

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W. CROCKER & ASSOCIATES, INC.
Civil Engineering * Land Planning
P.O. BOX 397
WESTMINSTER, MARYLAND 21156

FAX TRANSMISSION COVER PAGE

Fax. No. 410-549-9063
Voice 410-549-2708

TO: CLIENT/PROJECT *University of Baltimore*

RECEIVING FAX No. *410-313-2000* No. *1-YES 3*

FROM: *Mr. Craig Williams*
Agency for Environmental & Health

TELEPHONE No. TO CONFIRM RECEIPT: 410-549-2708

FROM: *ALL*

SUBJECT: *Allyson's Newsletter*

IF ANY REASON YOU NEED TO CONTACT US, PLEASE CALL

AT 410-549-2708

COMMENT: *Send copy to the media*

VERBAL REPLY:

**PROPOSED NEW AREA
PREVIOUSLY FAILED FOR ROCK,
BUT WE WOULD NOT BE OPPOSED
TO A REQUEST FOR RE-EVALUATION
THAT INCLUDED OPPORTUNITY TO
RECONFIRM PORTIONS OF THE
PROPOSED AREA. 4/18/00 (CW)**

CHARLES R. CROCKEN & ASSOCIATES, INC.

Civil Engineering • Land Planning

P.O. BOX 307

WESTMINSTER, MARYLAND 21158

April 15, 2000

Howard County
Bureau Of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD. 21043

SUBJECT: Vineyards At Cattail Creek
Lot No. 5 Sewerage Reservation
RECONFIGURATION

Att: Mr. Craig Williams.

My client Mr. Chris Rachuba is purchasing Lot No. 5 of Cattail Creek and he wants to build a 193'x65' house on the lot. (see copy of Health Dept. Plan enclosed) Would you check your files and let CRC know if it is possible to reconfigure the sewerage reservation to accomodate the proposed dwelling.

Your cooperation is greatly appreciated.

Sincerely,



Charles R. Crocken P.E.
President

enci.

crc-33
cat-lot5.let

CHARLES R. CROCKEN & ASSOCIATES, INC.

Civil Engineering • Land Planning

P.O. BOX 307

WESTMINSTER, MARYLAND 21158

April 18, 2000

Howard County
Bureau Of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD. 21043

SUBJECT: Vineyards At Cattail Creek
Lot No. 8 Sewerage Reservation
RECONFIGURATION

Att: Mr. Craig Williams.

My client Mr. Chris Rachuba is purchasing Lot No. 8 of Cattail Creek and he wants to build a 103'x68' house on the lot. (see copy of Health Dept. Plan enclosed) Would you check your files and let CRC know if it is possible to reconfigure the sewerage reservation to accomodate the proposed dwelling.

Your cooperation is greatly appreciated.

Sincerely



Charles R. Crocken P.E.
President

encl.

crc-33
cat-lot8.let

REPLY-

Dear Mr. Crocken:

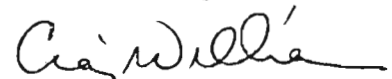
I would not be optimistic about the chances of approval of any proposal for adjustment of the sewage disposal area on this lot. Each of the test holes labeled "F" outside the disposal area are listed as having failed due to shallow depth to bedrock, and the swale just to the right of designated disposal area appears, at least on paper, to be a feature to be avoided.

But neither would I definitively rule out the possibility of an adjustment, both factors (excess rock and swale) are sometimes more judgemental than one might think.

Percolation testing would certainly be required; enclosed is a test application to complete and return (\$225 test fee ± backhoe) if interested in having testing scheduled.

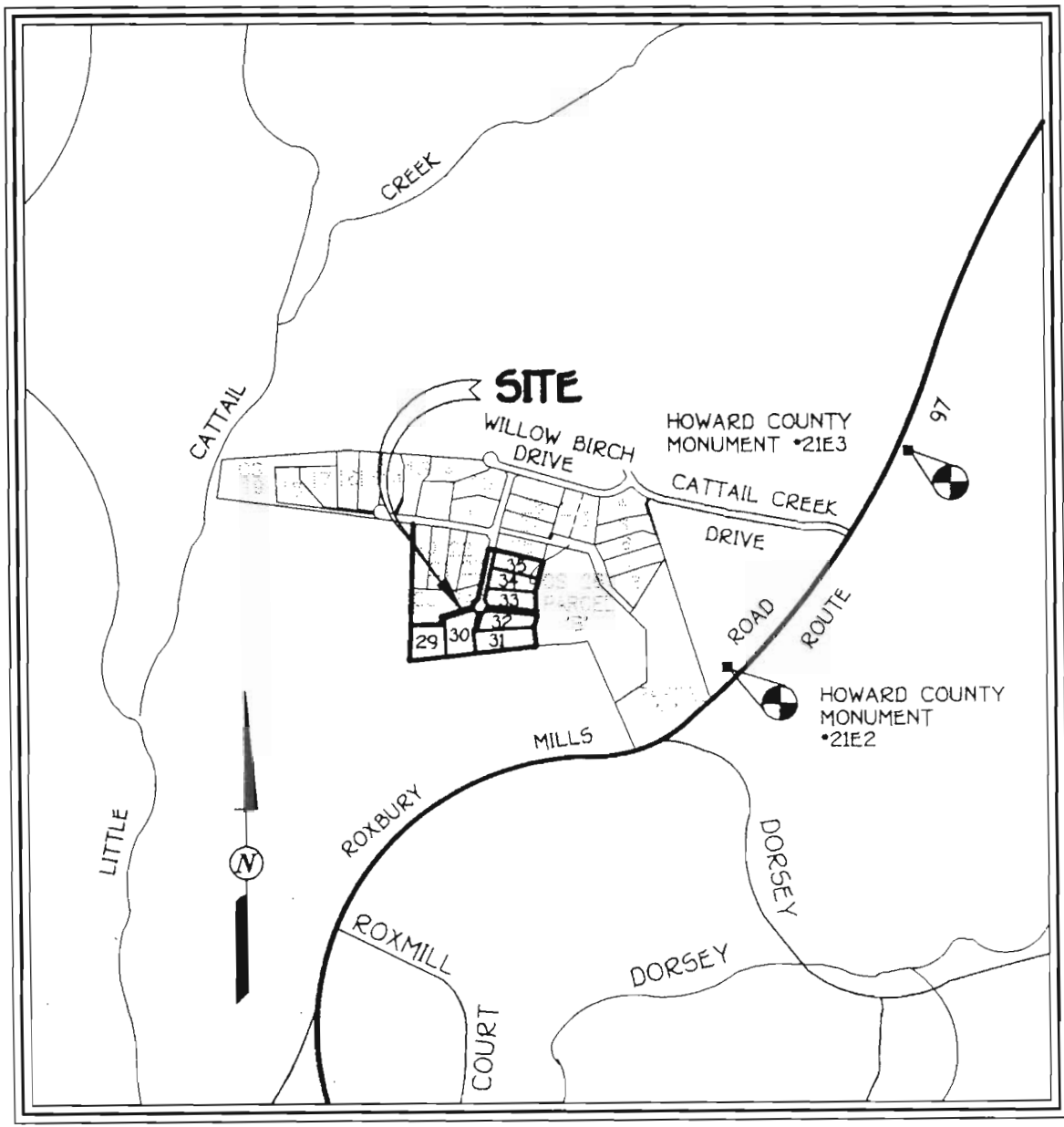
My uncertain expectation on the likelihood for approval if tested - 15% chance of success.

Sincerely,



Craig Williams, Sanitarian 4/24/2000

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0
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3



VICINITY MAP

SCALE: 1" = 1200'

GENERAL

1. The E Available Shall r
2. The L. Envir
3. Subjec
4. Coordi 21E3.
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6. B.R.L.
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16. All Lot
17. Distax
18. Waiver
19. The Tr Report
20. Plat Is
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