

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT _____

DATE _____

Perc
Due to
Rock in SDA
@ time of S.S. installation

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 _____ LOT NO. _____

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 _____

REASONS FOR REJECTION OR HOLDING _____

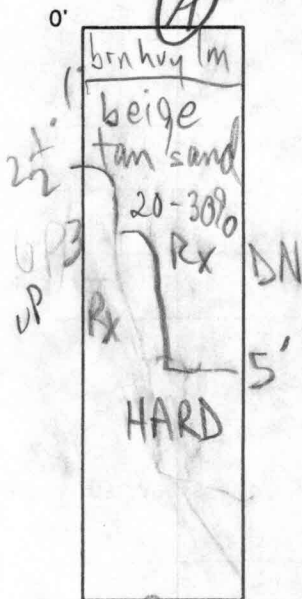
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

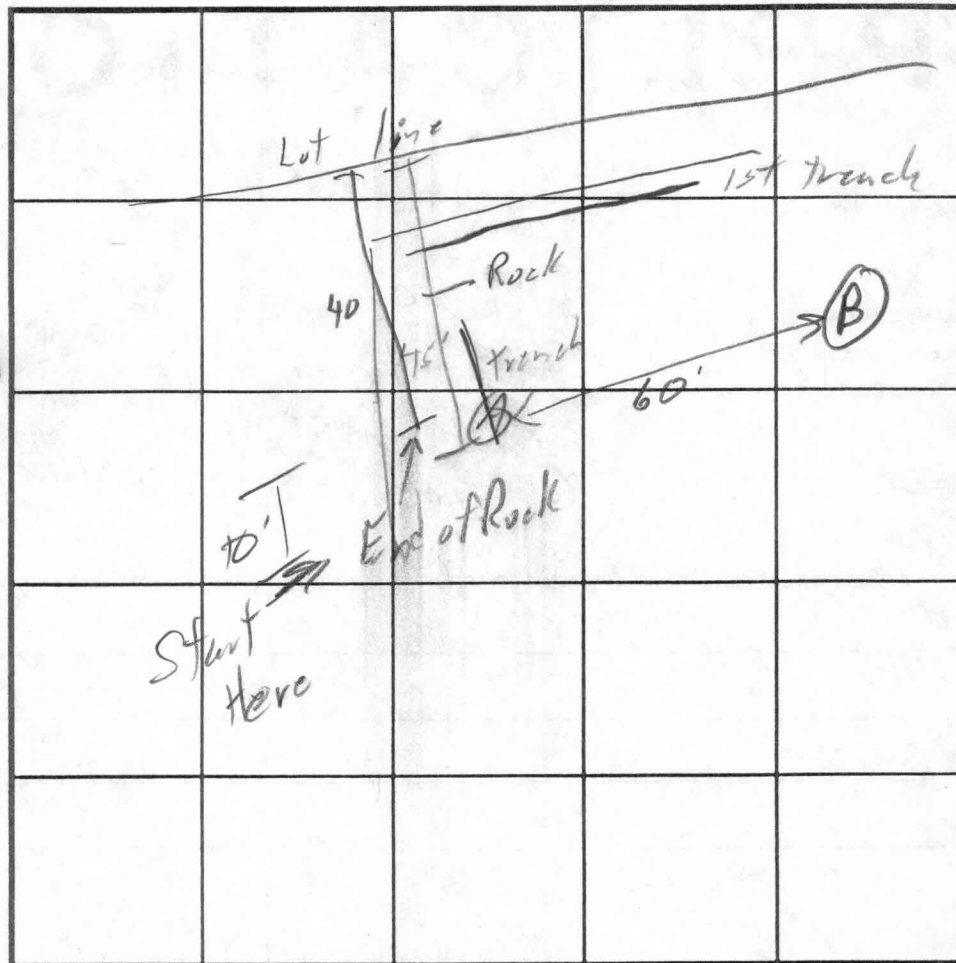
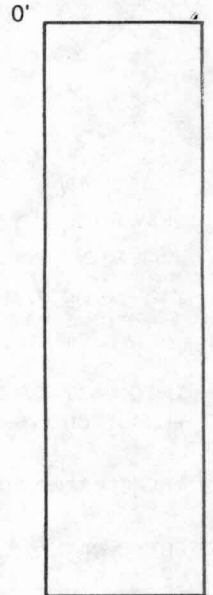
THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/22/03	A ✓	2 1/2 - 5	FAILS	UPHILL, MARGINAL		DOWNHILL	
	B ✓	6	OK				

REMARKS _____

TYPE OF SOIL _____

TESTED BY MR / SO ALSO PRESENT Mark (So. Carroll)

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH 0 MAXIMUM BOTTOM DEPTH 1 SQ. FT./BEDROOM _____

PRESSURE DISTRIBUTION ON SLOPING SITES

[illegible]

2875

Kindler Est 6049

NOTE: CHART DOES NOT INCLUDE COLUMN TO ACCOUNT FOR FRICTION LOSSES IN THE MANIFOLD

APPLICATION

PERCOLATION TESTING

A 514987-A

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT _____

DATE 3/19/01

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 Richard & Stefanie Vogel

ADDRESS 10061 Cape Ann Dr., Columbia, MD 21046 PHONE 410-730-8253(H) 301-656-7800(W)

AGENT OR PROSPECTIVE BUYER RE/MAX - Nick Loen

ADDRESS Columbia, Maryland PHONE 410-715-3264

PROPERTY LOCATION:

SUBDIVISION A Resubdivision of KINDLER ESTATES LOT 1 & 2 LOT NO. 9

ROAD AND DESCRIPTION Unimproved property

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3.0 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.

(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 _____

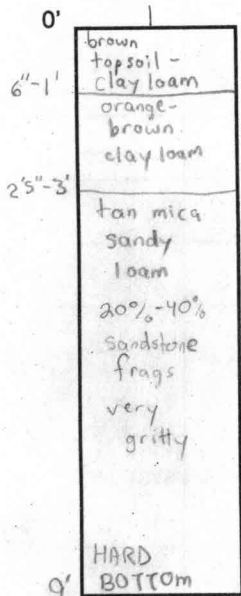
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

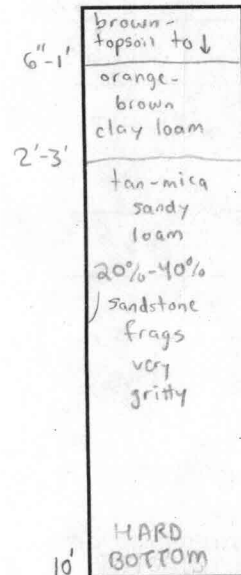
514987 (NO FEE) NOT TO SCALE

COUNTY #

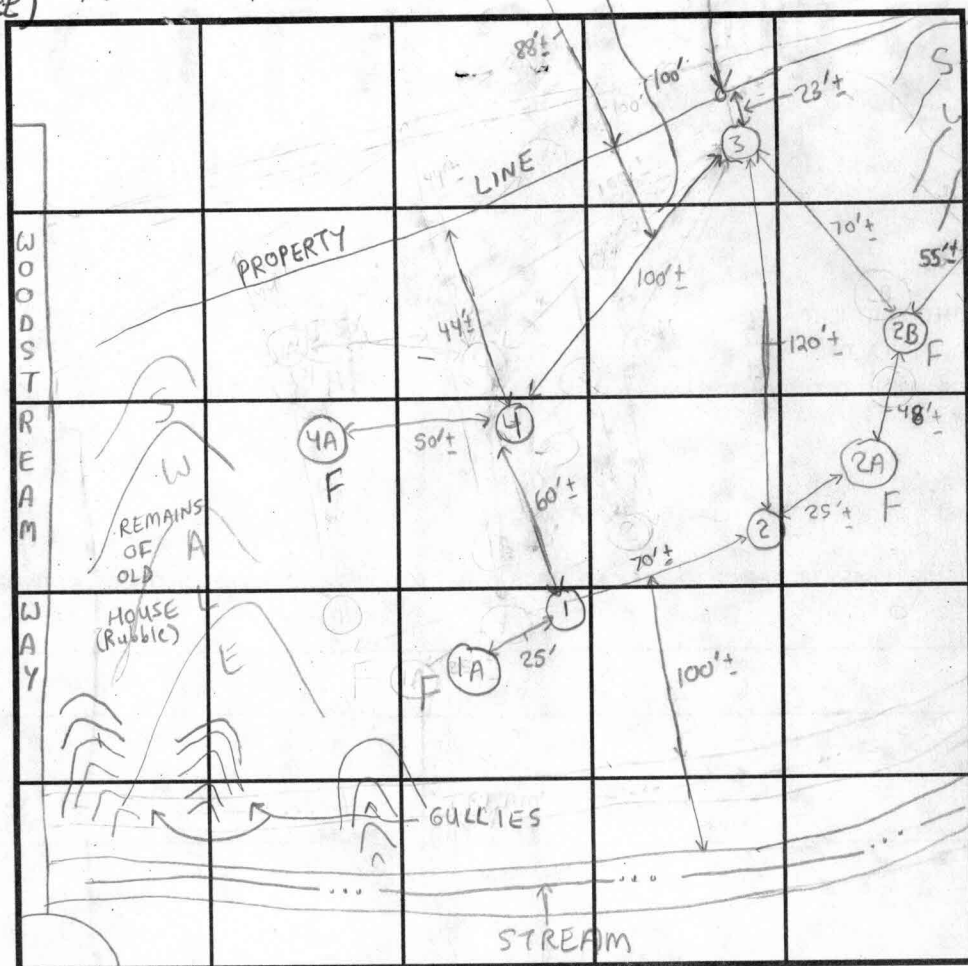
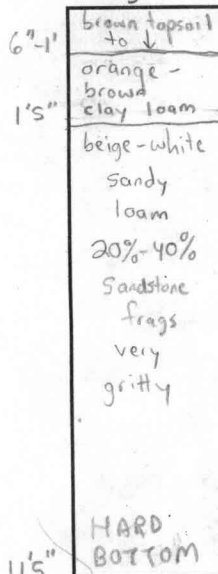
SOIL PROFILE



2

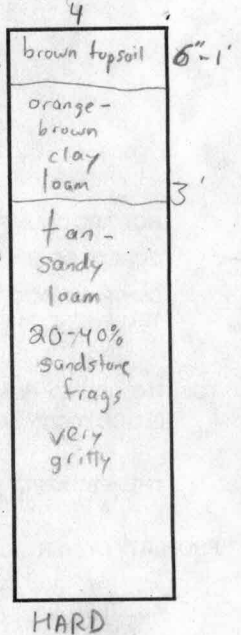


3



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/7/01	1	2'5" T 9' V 3' T 9' V	11:15 am	12:00 pm	12:00 pm	1:00 pm	Fails	OK
	1A	7' V	(BACK) HOE		REFUSAL		NA	Fails
	2	2' T 10' V	11:44 am	11:46 am	11:46 am	11:51 am	5 min	OK
	2A	6' V	(BACK) HOE		REFUSAL		NA	Fails
	2B	6' V	(BACK) HOE		REFUSAL		NA	Fails
	3	2' T 11'5" V	12:19 pm	12:28 pm	12:28 pm	12:48 pm	20 min	OK
	4	3' T 10' V	12:55 pm	1:04 pm	1:04 pm	1:14 pm	10 min	OK
	4A	4' V	(BACK) HOE		REFUSAL		NA	Fails

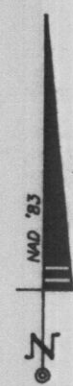
REMARKS Lot previously approved, Re-perc to try to establish best possible SDA
TYPE OF SOIL Chester & Glenelg (Soils & Site conditions very marginal)

TESTED BY SRK Chuck Zepp = Backhoe ALSO PRESENT







TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 13 min TRENCH WIDTH 3

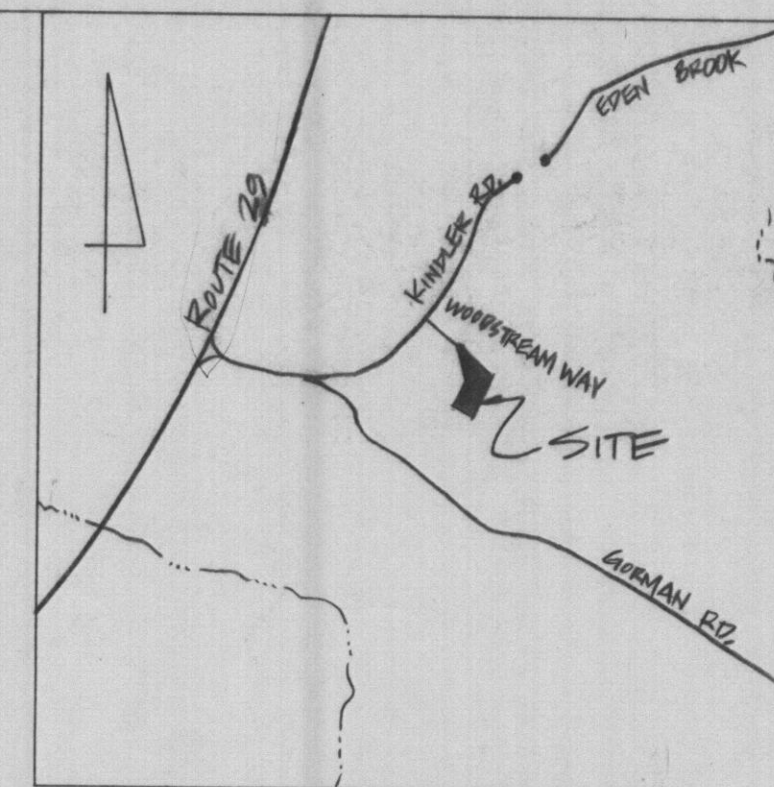
INLET DEPTH 1.5 MAXIMUM BOTTOM DEPTH 3.5 SQ. FT/BEDROOM 210

7' ETC

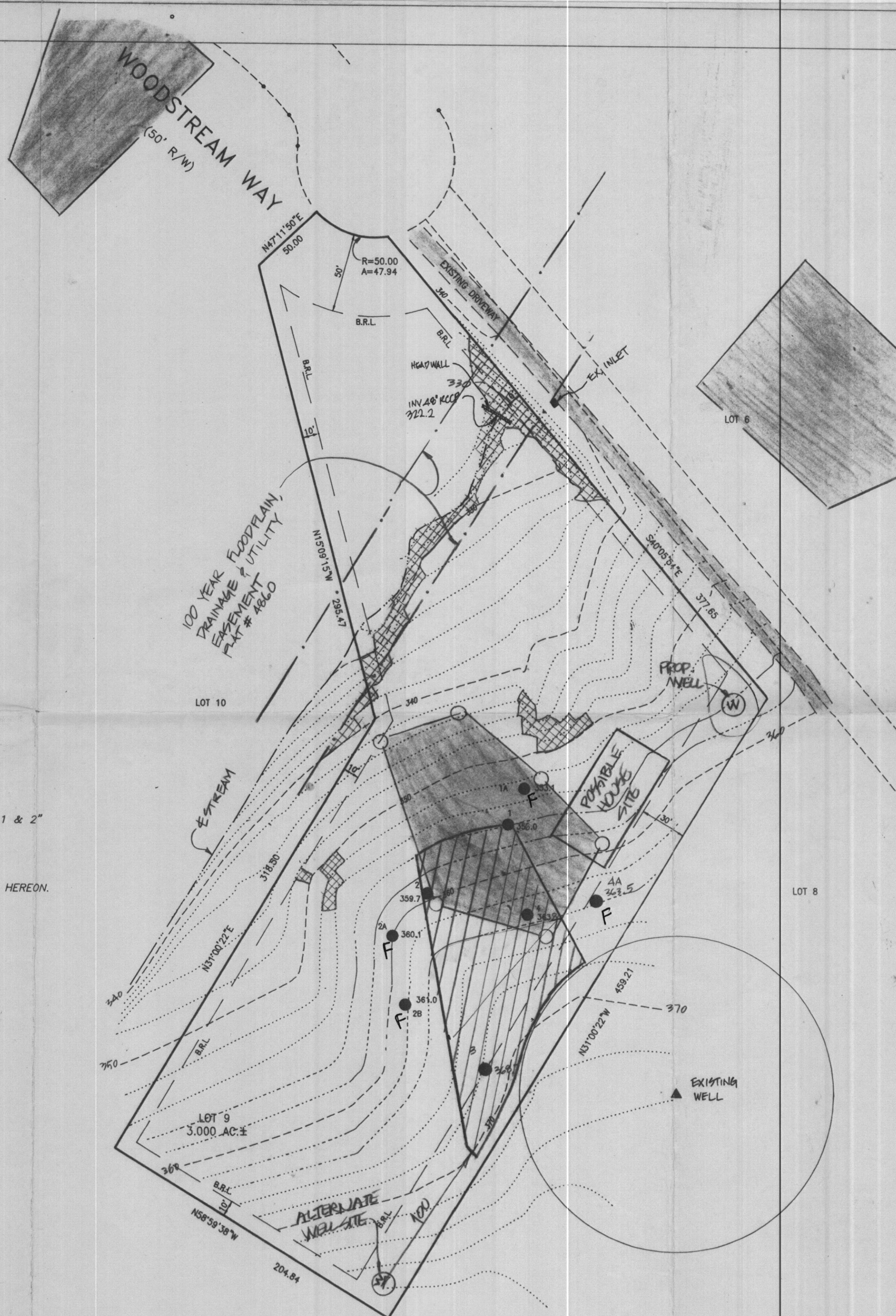


NOTES:

1. SUBJECT PROPERTY IS ZONED R-20.
2. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT.
3.  THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 S.F. AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & 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. A REVISED PLAT SHALL NOT BE NECESSARY.
4. B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
5.  DESIGNATES EXISTING WELL LOCATION.
6.  DESIGNATES 25% SLOPES (OR GREATER)
7.  DESIGNATES PREVIOUSLY APPROVED PERC TEST LOCATION FROM RECORDED PLAT
 507.2 DESIGNATES APPROVED PERC TEST & FIELD RUN ELEVATION (PERC TESTS EXCAVATED ON 5/07/2001).
8.  DESIGNATES PRIVATE SEWAGE EASEMENT PER RECORDED PLAT OF "LOTS 5 THROUGH 10, A RESUBDIVISION OF KINDLER ESTATES, LOTS 1 & 2" RECORDED AS PLAT # 4860.
9. THE TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY SHANABERGER & LANE JUNE 4, 2001.
10. ALL VISIBLE WELLS AND SEPTICS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN HEREON.



VICINITY MAP
SCALE: 1" = 2000'



PERC CERTIFICATION
I CERTIFY THAT THE LOCATIONS SHOWN (●) HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE & BELIEF.

Scott Shanaberger 6/12/01
DATE 6/12/01
BY SCOTT SHANABERGER

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

Howard County Health Officer 6/12/01
DATE 6/12/01
ON SRN 6/12/01

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD. 21043
(410) 461-9563

(REVISED PERC CERT)
FIELD LOCATED PERC TEST PLAT
LOT 9 PC#514987
KINDLER ESTATES

SIXTH ELECTION DISTRICT, HOWARD COUNTY, MD.

ZONED : R-20
SCALE : 1" = 50'
DATE : JUNE 14, 2001 REC 6/12/01
PLAT NO. 4860

F:\ACADWIN\9920 PERC.DWG



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

May 21, 2001

Richard Vogel
10061 Cape Ann Drive
Columbia, MD 21046

RE: Percolation test results: ~~27662~~ Reconfirm 27662
Purpose: Existing Lot of Record (Confirmation of existing septic reserve area)
Property ID: Kindler Estates, Lot - 9
Woodstream Way

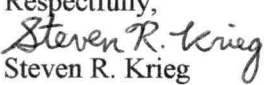
Dear Mr. Vogel:

Percolation testing conducted May 7, 2001 on the above referenced property yielded limited satisfactory soil conditions.

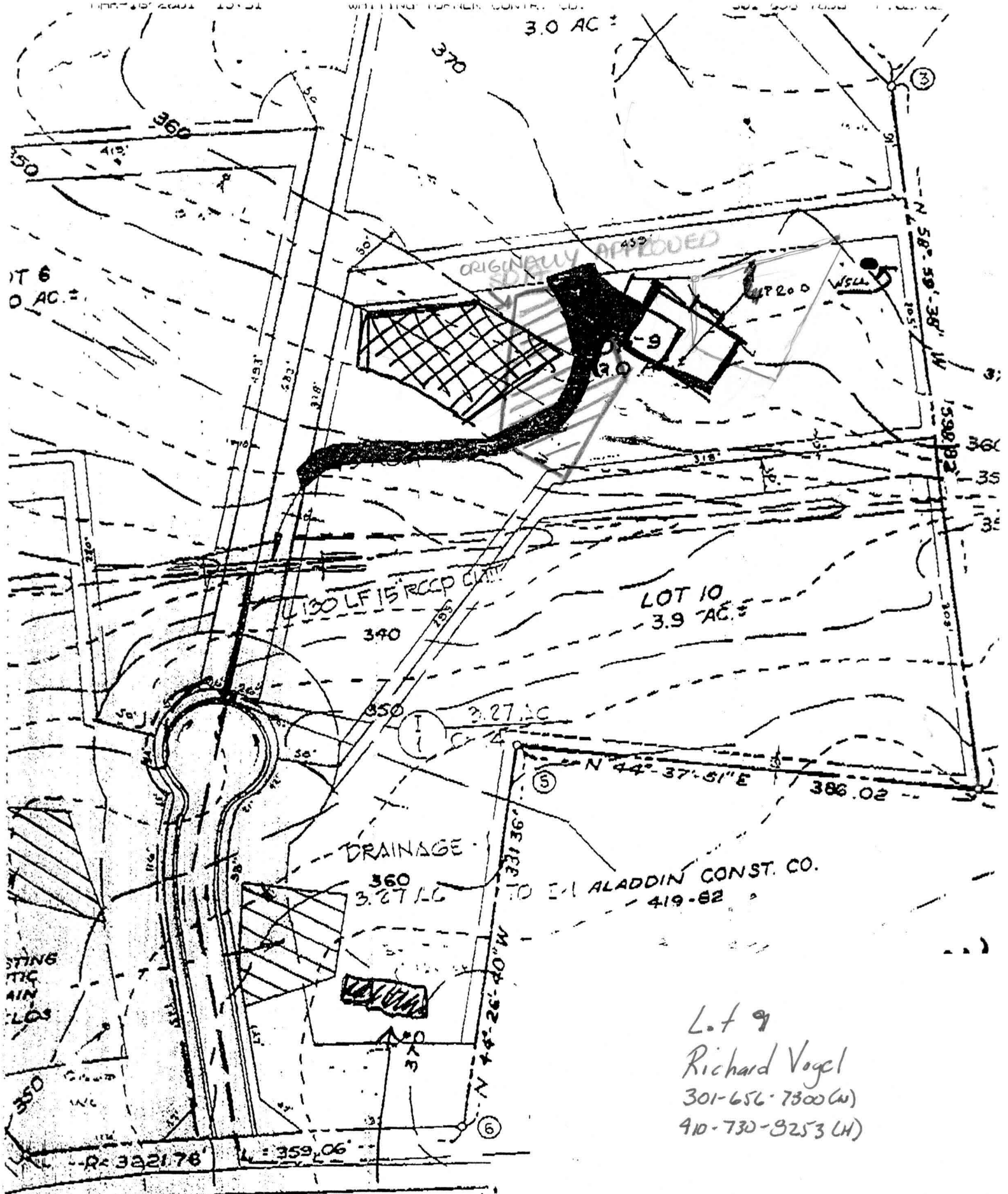
Further review and official approval is contingent upon submission of a revised perc certification plat by a professional engineer with holes field located by a licensed surveyor. This plan must include the following:

- actual locations and elevations of all recently excavated test holes
- proposed new boundary of the revised septic area (10,000 square feet in area)
- proposed house location and a reasonable house footprint
- field matched contour lines at 2-foot intervals
- locations of any wells or septic systems on adjacent properties within 100 feet of the property boundaries
- **shaded areas that indicate slopes that are greater than 25%**
- locations of any streams, springs, drainage swales, depressions and gullies

The plat should be submitted within sixty (60) days to allow field verification if necessary. Please find copies of the percolation test notes enclosed. If you have any questions regarding this matter, please contact me at the address below or by calling (410) 313-2640. Thank you in advance for your time and cooperation.

Respectfully,

Steven R. Krieg
Registered Environmental Sanitarian.
Well and Septic Program

cc: file



L. f 9
 Richard Vogel
 301-656-7300 (W)
 410-730-8253 (H)

(Note: I am out of the Country
 3/23-3/31)

LOT 1

LOT 6
3.000 ACRES ±

LOT 8
3.000 ACRES ±

LOT 9
3.000 ACRES ±

LOT 2

LOT 10
3.904 ACRES ±

BORIS F. KIM
653/554

ALADDIN CONST. CO.
419/82

E 8338

N ON PLAT
RU 4,
ARD COUNTY,

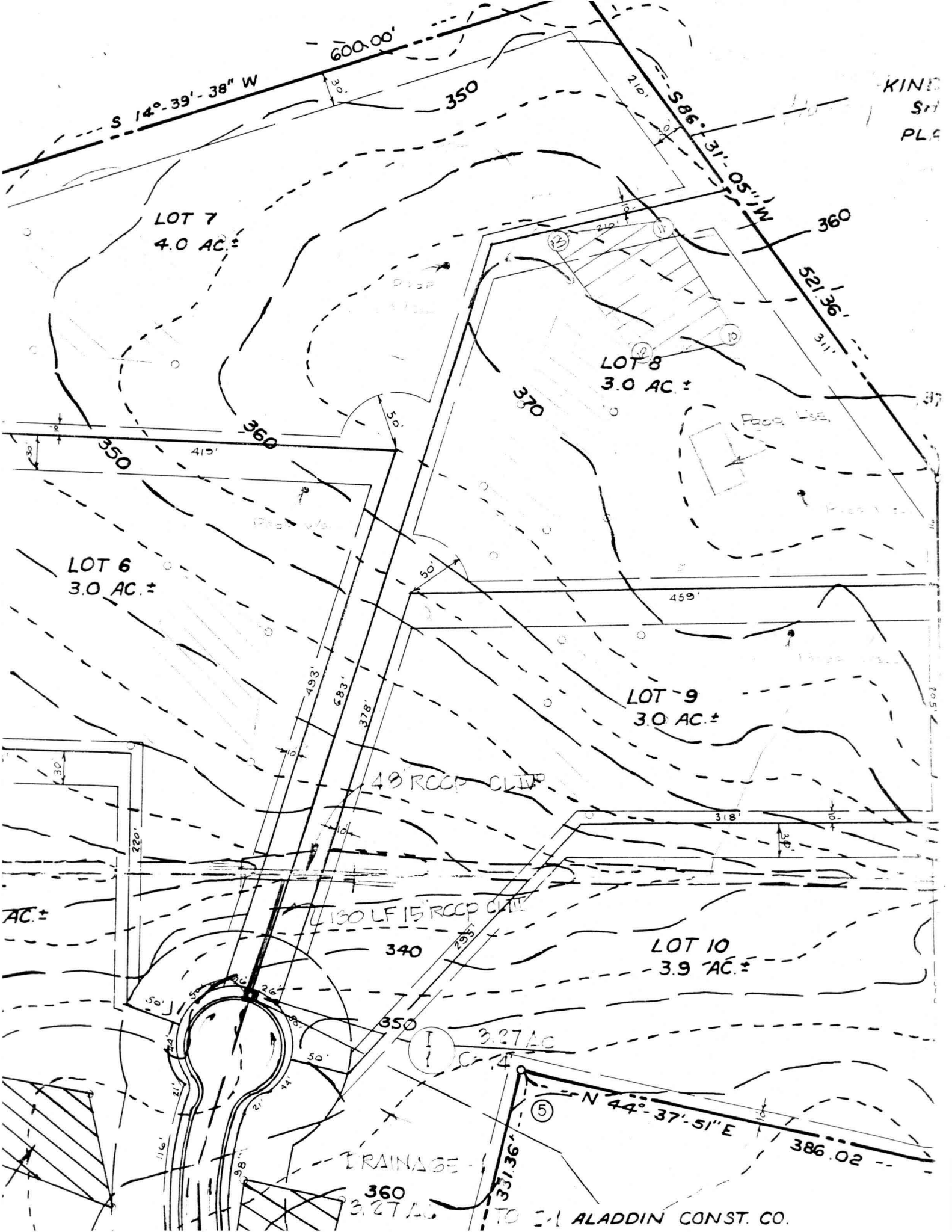
ON 4-23 1981

CERTIFICATE

THE FINAL PLAT SHOWN
IS A SUBDIVISION OF ALL
HAYES PROPERTY

OWNER'S DEDICATION

WE LOUIS D. DEMPSAY, AND EDMUND V. HARNSTROM JR., OWNERS OF THE
SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION
IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF



KIND
Srt
PL

LOT 7
4.0 AC ±

LOT 8
3.0 AC ±

LOT 6
3.0 AC ±

LOT 9
3.0 AC ±

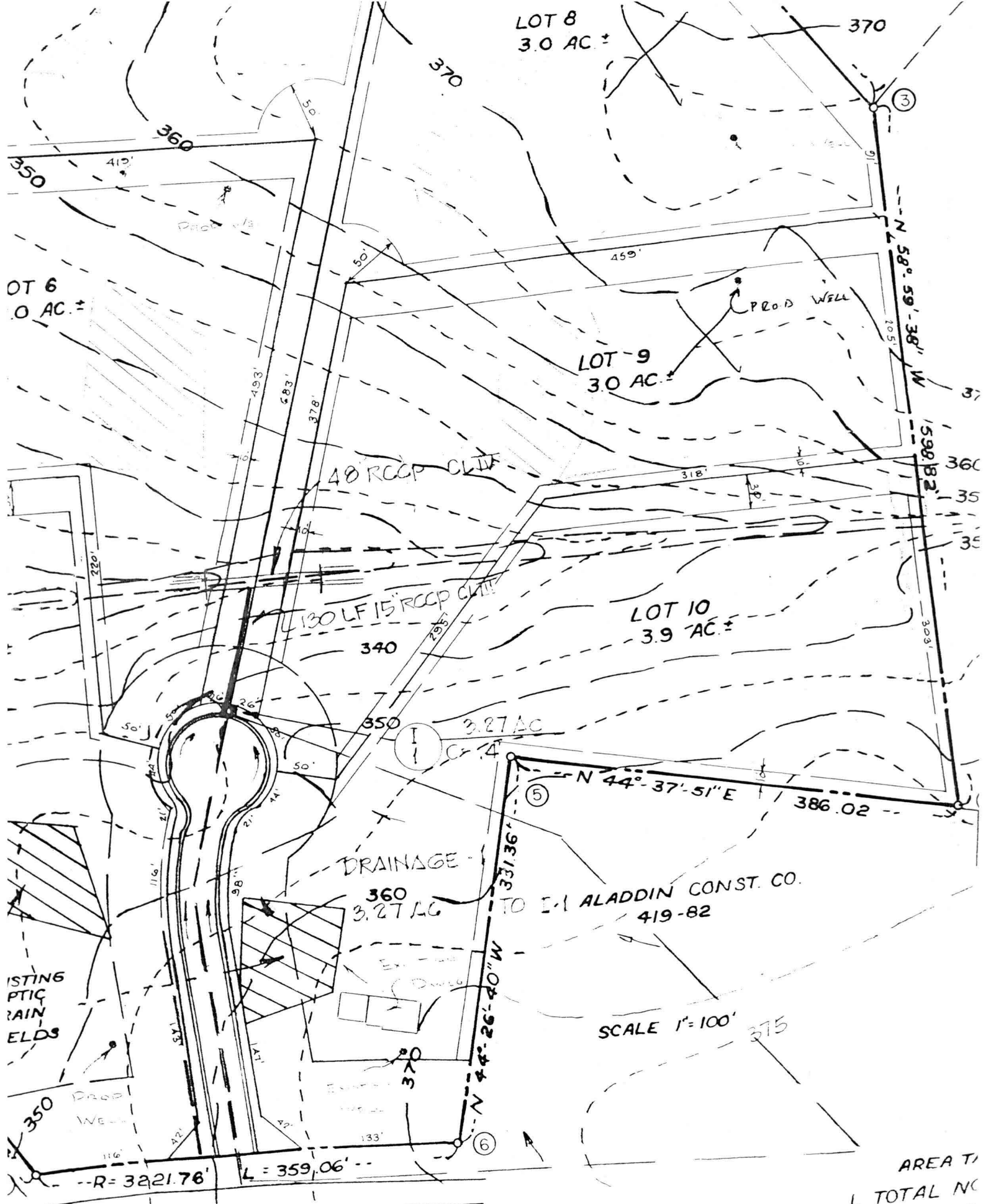
LOT 10
3.9 AC ±

40' ROOP CLIP

15' ROOP CLIP

RAINAGE

ALADDIN CONST. CO.



- AREA TO
1. TOTAL NC
 2. TOTAL AR
 3. TOTAL AR
 - TOTAL AR

100 YEAR FLOODPLAIN,
DRAINAGE & UTILITY
EASEMENT
PLAT # 4060

LOT 10

LOTS 1 & 2
EN SHOWN HEREON

144.45' REC'D
222.2

S40°05'34"E

577.85

PROP.
WELL

POSSIBLE
HOUSE
SITE

24.5
24.5

EAST RIVER

S18°30'

N100°22'E

64.1

LOT 9
3.000 AC ±

ALTERNATE
WELL SITE

100'