

PERMIT

03-283720

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512792

A 41418

DISTRICT _____

DATE 11/1/99

DATE SYSTEM APPROVED 1/7/00

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~

410-313-2640

INDEXED

Arnold's Backhoe & Septic Service, Inc.

IS PERMITTED TO INSTALL ☒ ALTER _____

ADDRESS P.O. Box 15, Woodbine, MD 21797

PHONE 410-795-7873

SUBDIVISION Kings Gift

LOT 13

ROAD 11616 PRINCESS LANE
11770 Frederick Road

PROPERTY OWNER

Chris Rachuba

ADDRESS _____

TOP SEAMED SEPTIC TANK REQUIRED

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

300 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

PUMP SYSTEM ONLY

INSTALL: 1-1000 Gallon Top Seamed Pump Chamber

NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit
- Pump performance test is necessary prior to Health Department approval of pumped septic system.

TRENCHES - Trench to be 3 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 2½ feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Starting from the right rear corner at the very highest part of the property, place the distribution box 40 feet down the lot line measuring approximately 330 feet and 10 feet off this same lot line. Run trenches on contour away from 330' lot line initially, subsequent trenches may run in both directions from distribution box.

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

INSTALLER TO RUN PRESSURE LINE AROUND SEWAGE AREA AND TO TAKE STEPS TO PREVENT FLOTATION OF TANKS.

PLANS APPROVED BY C. Williams/Mark E. Rifkin/Ronald J. Pinkley

DATE 6-03-1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

7/8/99 MR W/ARCHITECT

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.



HOWARD COUNTY HEALTH DEPARTMENT

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

January 10, 2000

RALO, Inc.
Chris Rachuba
946A Marimich Court
Eldersburg, Maryland 21784

RE: King's Gift, Lot #13
11770 Frederick Road
Final septic system approval

Dear Sir:

This is to advise that the septic system for the above referenced property was received final approval from the Health Department on January 7, 2000.

Additionally, the above referenced property is served by public water.

Sincerely,

Donna K. Soe, R.S.
Water and Sewerage Program

DKS
cc: Building Inspector's office
file

APPLICATION

5/31/95
10/20

PERCOLATION TESTING

A 50658

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT _____

DATE 4-17-95

PROPOSED OR
PROPOSED CHANGE IN
SEPTIC TANK (CW)

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 JEAN R. Dickey Chris Rachuba

ADDRESS 13850 Forsythe Rd - Sykesville md PHONE 442-2226

AGENT OR PROSPECTIVE BUYER Russ Marshall

ADDRESS 4216 Light Point Pl. Columbia PHONE 531-3998 w - 381-3245 H

PROPERTY LOCATION:

SUBDIVISION Kings Gift LOT NO. 13

ROAD AND DESCRIPTION Rt 144 - 11770 Frederick Rd

TAX MAP _____ PARCEL # _____

SIZE OF LOT 5.12 Acres TYPE BLDG. SFD - 3 Bdr
(SINGLE FAMILY DWELLING OR COMMERCIAL)

APPL PERMIT SKIPPED

AND RETURNED 10-3-99

Serial # B 10117805

SFD - 3 Bdr

(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. Clayton K Marshall
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING REJECTED - SHALLOW H₂O TABLE MR 5/31/95
APPROVED - 8/29/95

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

A50658
COUNTY #

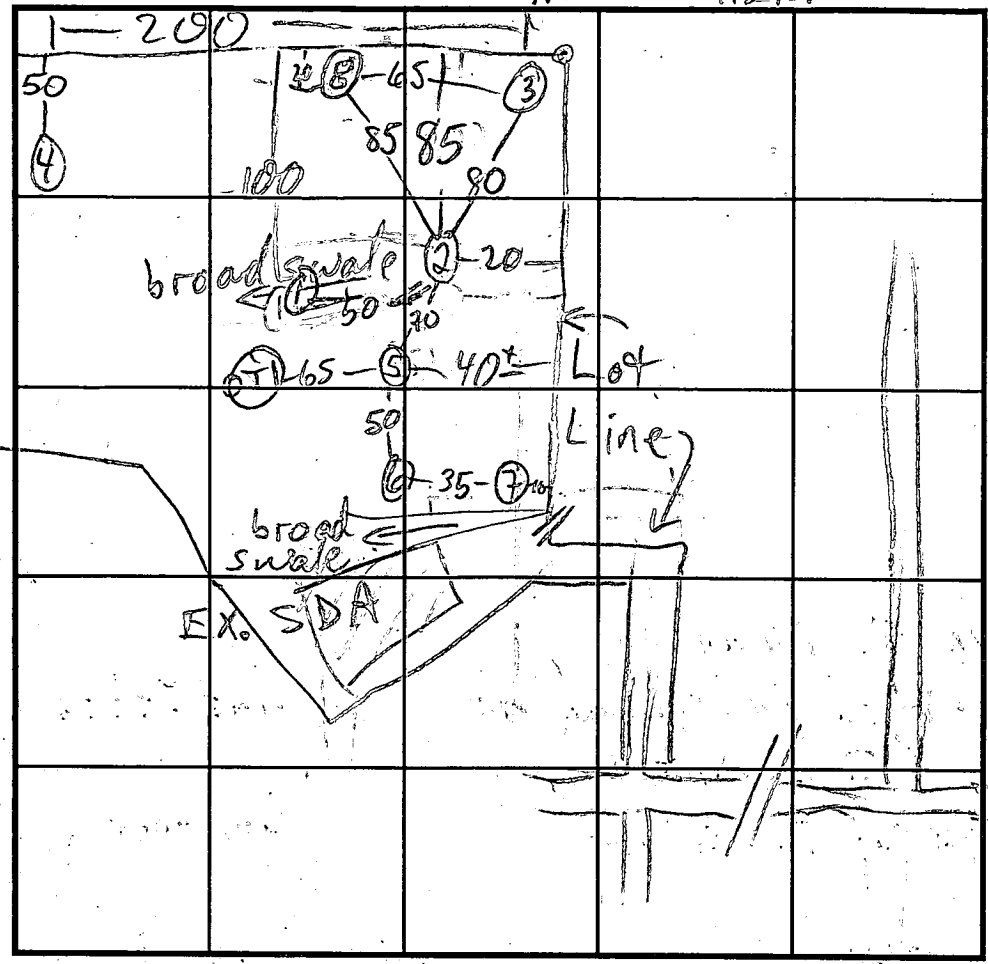
NOWELL HERE

SOIL PROFILE

0' tan
sac
1'9" coarse
tan
sand
<5%
frags
2' H₂O
seeping
8 WATER
9

2' brn orge
sac
3' 20% frags
tan
sand
7' damp tan
gray
sand
9 H₂O
seeping
11 WATER

12-3' brn
sac
lm
brn
tan
gray
sand
&
sa lm
25% frags



SOIL PROFILE

0' orge
clay
&
lm
3 1/2' damp
tan sa
w/ heavy
gray/orge
mottles
7 1/2' WATER
9 1/2'

8' Pipe sa
cl lm
or silt
30-40%
Rk frags
tan beige
gray sand
5-10%
frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT. 144

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/31/95	1 V	9	H ₂ O	@ 7'	FAIL		
	2 S	3 1/2	12:25	12:31	12:31	12:53	22
	2 V	11 1/2	damp @	7 1/2 - 8	H ₂ O @	9'	
	3 S	3'9"	11:40	11:41	11:41	11:43	2
	3 M	7 1/2	11:51	11:52:00	11:52	11:54	2
	3 V	12					
	4 S	4'	11 min	15 min	informal		
	4 V	9 1/2	H ₂ O @	7 1/2			
7/19/95	5 S	2	1:41	1:56	1:56	2:23	4
	5 M	5	2:40:30	2:41:00	2:41:00	2:41:30	30 sec
	5 V	5	2:45	2:46	2:46	2:48	2
	6 V	9	OK	@ 12			
	7 S	2 1/2	1:59	2:22	2:22	2:39	39 (15")
	7 S	3 3/4	2:30	2:39	2:39	3:18	39 (15")
	7 V	9	OK				

REMARKS: OT 1 FROM 3/17/89 by J. Nadeau H₂O 7'3"

TYPE OF SOIL: 8 S₂ 3 1/2 4:00 4:17 3/4" 5:00 25

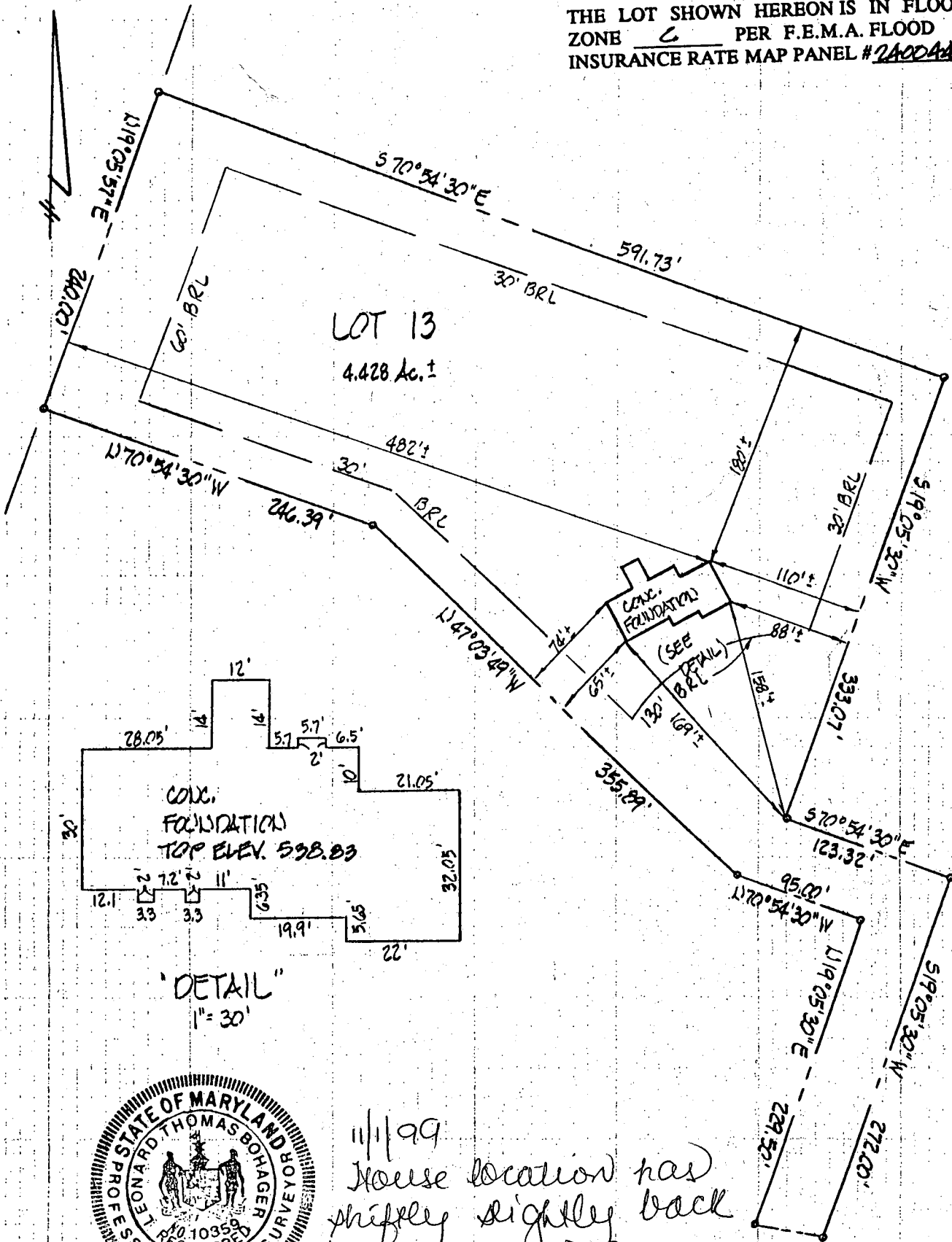
TESTED BY: M. Ripkin 1-9 4:27 4:35 4:35 5:00 25

ALSO PRESENT: Russ Marshall

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH: 2 1/2 MAXIMUM BOTTOM DEPTH: 4 SQ. FT./BEDROOM

THE LOT SHOWN HEREON IS IN FLOOD
 ZONE C PER F.E.M.A. FLOOD
 INSURANCE RATE MAP PANEL # 2400440016B



11/1/99
 House location has
 shifted slightly back
 from front BCL -
 should not adversely
 impact ~~the~~ ^{FOUNDATION CERTIFICATION}
 installation for
 LOT 13 "KING'S GIFT"

NOTE: ACCURACY OF APPARENT SETBACK
 DISTANCES ARE 1 FT.±

- NOTE: (A) THIS PLAT IS NOT INTENDED FOR USE IN ESTABLISHING
 PROPERTY LINES AND DOES NOT CONSTITUTE A BOUNDARY
 SURVEY.
 (B) THIS PLAT IS OF BENEFIT TO THE CONSUMER ONLY-INsofar
 AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE
 COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED
 TRANSFER, FINANCING OR REFINANCING.
 (C) THIS PLAT SHOULD NOT BE RELIED UPON FOR THE LOCATION
 OR ESTABLISHMENT OF FENCES, GARAGES, BUILDINGS OR
 OTHER EXISTING OR FUTURE IMPROVEMENTS.

THIS IS TO CERTIFY THAT WE HAVE LOCATED THE IMPROVEMENTS AS
 SHOWN ACCORDING TO THE REGULATIONS GOVERNING THE MARYLAND
 STANDARDS OF PRACTICE FOR PROFESSIONAL LAND SURVEYORS;
 EFFECTIVE DATE MARCH, 1995.

Edward J. Pohagen 7-5-99
 REGISTERED No. 10854 DATE

CHARLES R. CROCKEN & ASSOC., INC.
 Civil Engineering & Land Planning
 P.O. Box 307
 Westminster, Maryland 21157
 Tel. (410) 549-2708

SCALE: 1" = 100' JULY 1999

CHECKED: GWM

LOT 13

NOTE: FIELD RUN TOPO IS REQUIRED AT BUILDING PERMIT STAGE

New Property Line

HOUSE LIMITED
TO 3 BR 00 EACH
300' BR 00 SYS.
MR 7/25/95 300' TO
TRENCH LENGTH

1146

1144

1142

1504.21'

19° 54' 30" E

380.00

19° 54' 30" E

X
Perc Test
5-31-95

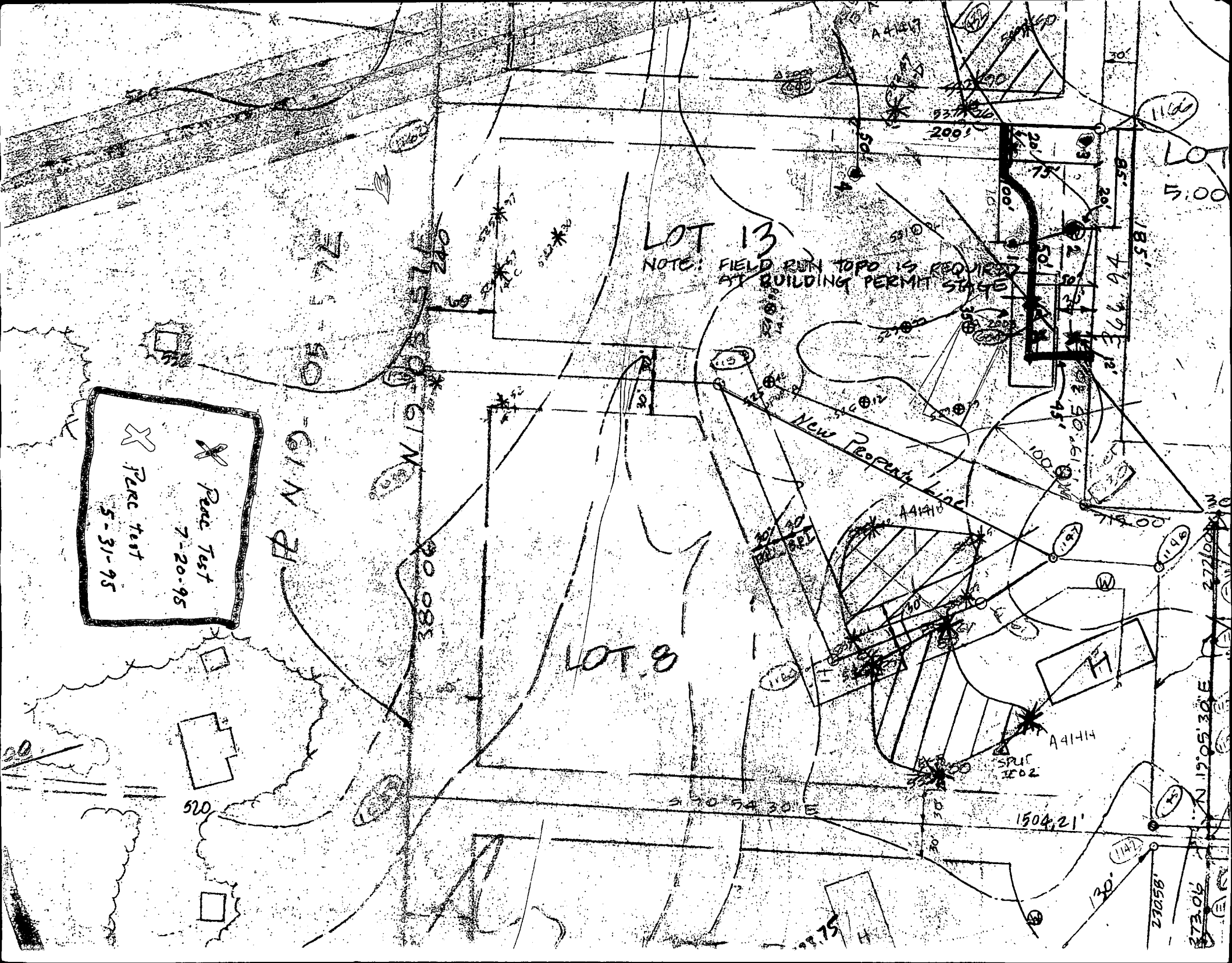
X
Perc Test
7-20-95

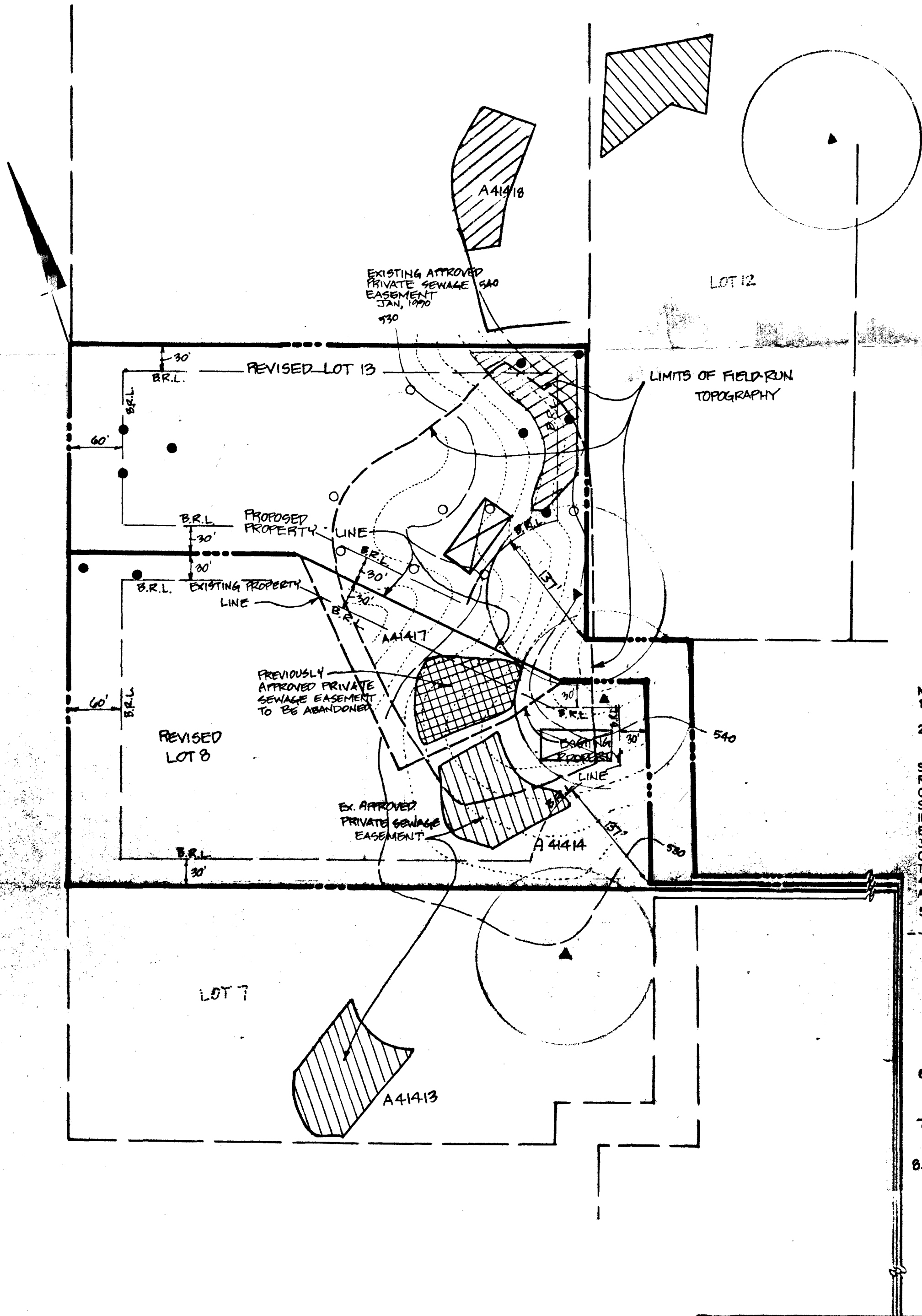
LOT 13

NOTE: FIELD RUN TOPO IS REQUIRED
AT BUILDING PERMIT STAGE

LOT 8

New Property Line

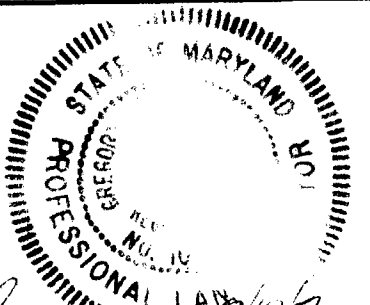




- NOTES:
1. PROPERTY ZONED: RC-OEO
 2. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION 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 PLAT SHALL NOT BE NECESSARY.
 3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT.
 4. TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY 1"=200' AERIAL PHOTOGRAMMETRY, AND FIELD RUN BY SHANABERGER & LANE 11/6/94
 5. LEGEND:
 - EXISTING CONTOUR
 - △ PROPOSED WELL
 - ▲ EXISTING WELL
 - ☒ POSSIBLE HOUSE LOCATION
 - SUCCESSFUL PERC TEST
 - FAILED PERC TEST
 6. THERE ARE NO VISIBLE WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPOSED WELLS AND SEWAGE EASEMENTS UNLESS OTHERWISE SHOWN HEREON.
 7. PREVIOUSLY APPROVED PRIVATE SEWAGE EASEMENT.
 8. HOUSE ON LOT 13 IS LIMITED TO 3 BEDROOMS, WITH 300 SQ. FT. OF ABSORBENT SIDEWALL PER BEDROOM. TOTAL TRENCH LENGTH REQUIRED: 200'

APPROVED: FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS

Joyce M. Boyd 8/29/95
COUNTY HEALTH OFFICER DATE



Scott Shanaberger 8/29/95
SCOTT SHANABERGER DATE
PROFESSIONAL LAND SURVEYOR #10849

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD, SUITE 104
ELLCOTT CITY, MD 21043
PHONE: (410) - 461-9563
FAX: (410) - 461-9693

MD ROUTE 144

PERC CERTIFICATION PLAT
REVISED LOTS 8 & 13
KING'S GIFT
3RD ELECTION DISTRICT, HOWARD COUNTY, MD
DATE: 8/11/95 1"=100'



HOWARD COUNTY HEALTH DEPARTMENT

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

June 7, 1995

Mr. Clayton R. Marshall
6216 Light Point Plaza
Columbia, Maryland 21045

RE: Percolation Test Results
Application Number: A50658
Proposed Use: Adjustment To Recorded
Sewage Easement
Property ID: King's Gift - Lot 13 - Route 144

Dear Mr. Marshall:

Percolation testing conducted May 31, 1995 on the above referenced property indicated unsatisfactory soil conditions. Although satisfactory soils were observed in one test hole location, shallow groundwater was encountered in all other test holes. Copies of the percolation test results are enclosed.

Further review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the location of all existing wells and septic systems on the property as well as the location of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all wells and septic systems within 100 feet of property boundaries have been shown.

This plat should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contract me at the below address or by calling 313-2640.

Very truly yours,

Mark Rifkin, R. S.
Water and Sewerage Program

MR:jr
Enclosures
cc: Shanaberger Lane
Jean Dickey
File ✓