

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 _____

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 INDRASHEKHAR & SMITA BHONSALE

ADDRESS 8552 Ellicott View RD, Ellicott City MD 21043 PHONE (410) 750 8752

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION 11605 PRINCESS LN. ELLICOTT CITY MD 21042 LOT NO. KING'S GIFT # 6

ROAD AND DESCRIPTION KING'S GIFT, FREDERICK RD.

TAX MAP 16 PARCEL # 323

SIZE OF LOT 5 ACRES TYPE BLDG. SINGLE FAMILY
(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 #

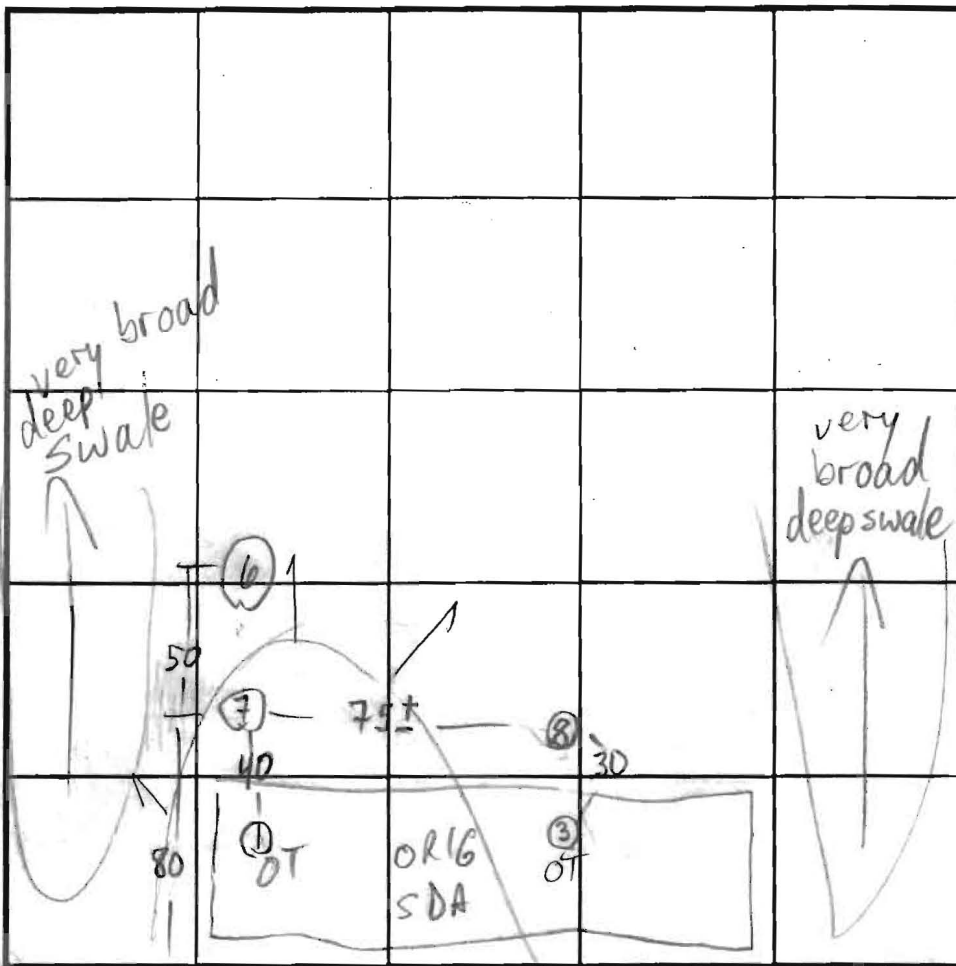
SOIL PROFILE

0' 6
 red orge
 brn
 hvy lm

6-7
 8-9
 hvy gray
 mottles

brn gray
 sand
 uncertain
 mottles

13
 10% frags
 WATER



SOIL PROFILE

0'

7
 orge
 brn
 hvy lm

6-
 6 1/2
 tan beige
 gray
 sand
 10-15%
 frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. PRINCESS LANE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/24/03	6 ^S _V	5 13	10:46	11:16	3/4"		FAIL
	7 _V	11					OK
	8 _V	11					OK

REMARKS KEEP REVISED SEWAGE AREA NO LOWER THAN HOLES (7) (8)

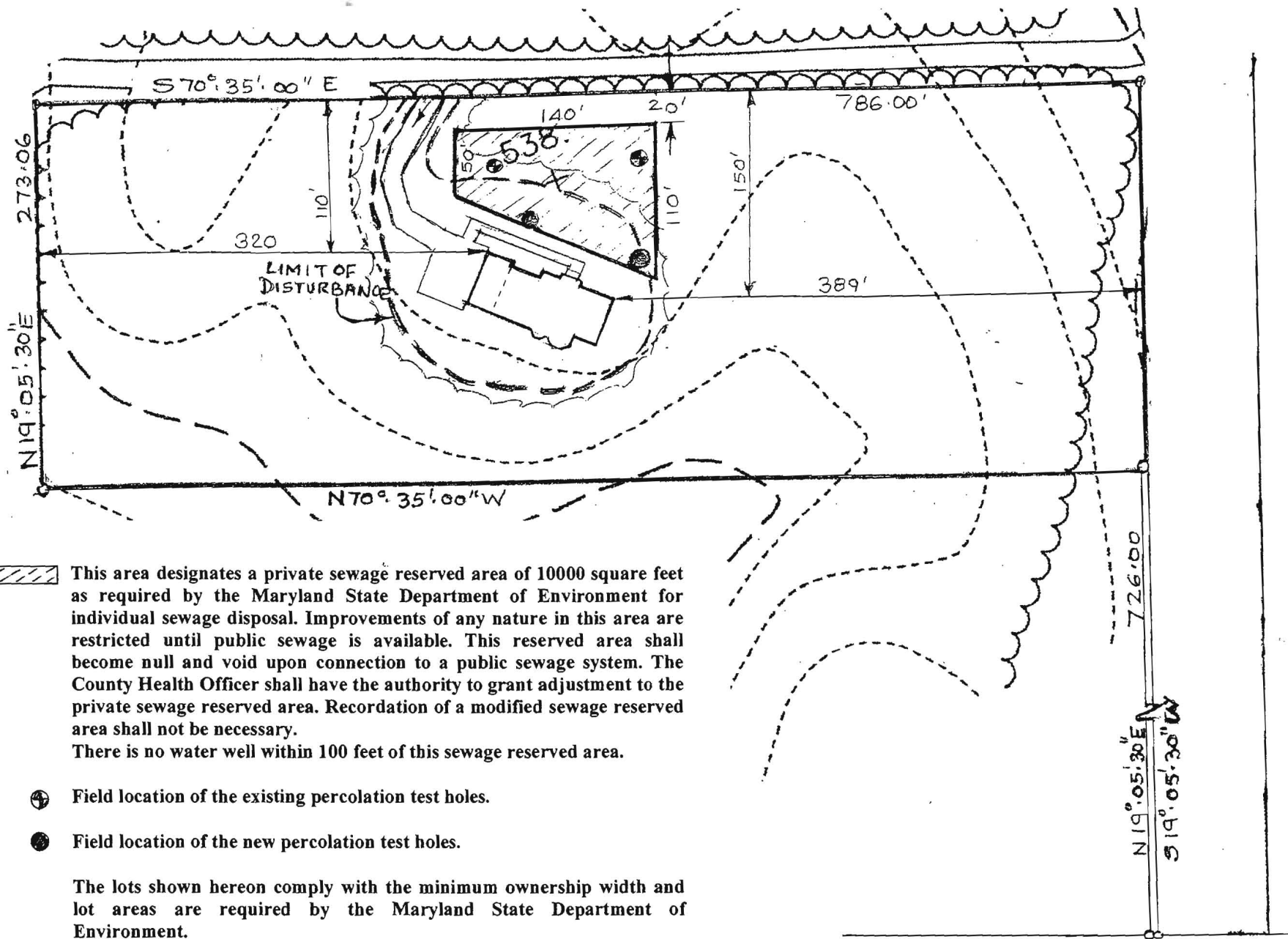
TYPE OF SOIL _____ TESTED BY M. Ripkin ALSO PRESENT Owner, Owen Kelly

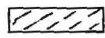
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME < 7 TRENCH WIDTH 3



INLET DEPTH 5 MAXIMUM BOTTOM DEPTH 7 SQ. FT./BEDROOM 180 (x 0.83)

8
 orge brn
 hvy lm

5
 gray beige
 tan
 samica
 lm
 10-15%
 frags



 This area designates a private sewage reserved area of 10000 square feet as required by the Maryland State Department of Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. This reserved area shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustment to the private sewage reserved area. Recordation of a modified sewage reserved area shall not be necessary. There is no water well within 100 feet of this sewage reserved area.

-  Field location of the existing percolation test holes.
-  Field location of the new percolation test holes.

The lots shown hereon comply with the minimum ownership width and lot areas are required by the Maryland State Department of Environment.

APPROVED: For Private Sewage System

Date:

County Health Officer

PERCOLATION TEST LOCATION
 11605 PRINCESS LANE, ELLICOTT CITY MD 21042
 KING'S GIFT LOT 6

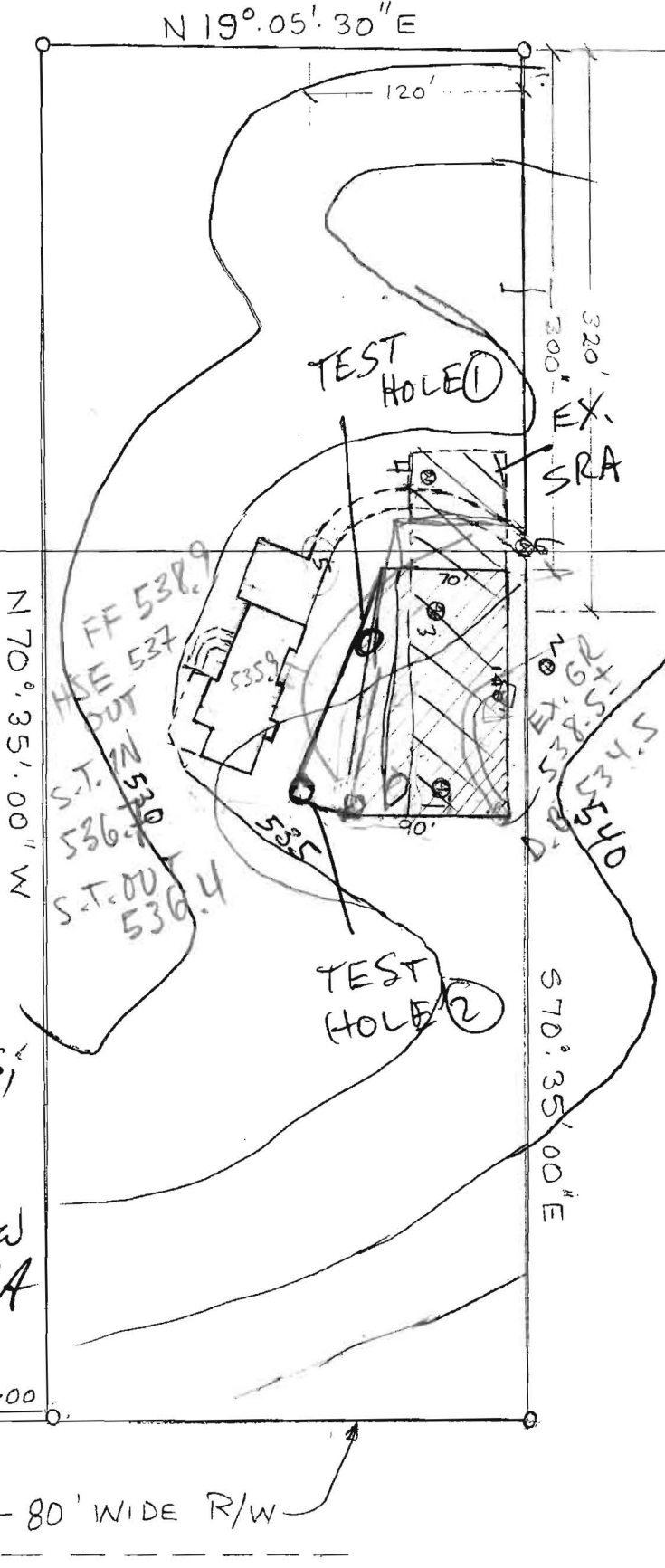
SCALE 1" = 100'

PLAN OK FOR TESTING MR

273.06

N 19° 05' 30" E

THIS AREA DESIGNATES A PRIVATE SEWAGE RESERVE AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENTAL AFFAIRS FOR INDIVIDUAL SEWAGE DISPOSAL. LOCATION OF EXISTING PERCOLATION TEST CONDUCTED AND RECORDED AT THE HOWARD COUNTY, 8-6-85. THERE IS NO WATER WELL WITHIN PROXIMITY OF THIS RESERVE AREA.



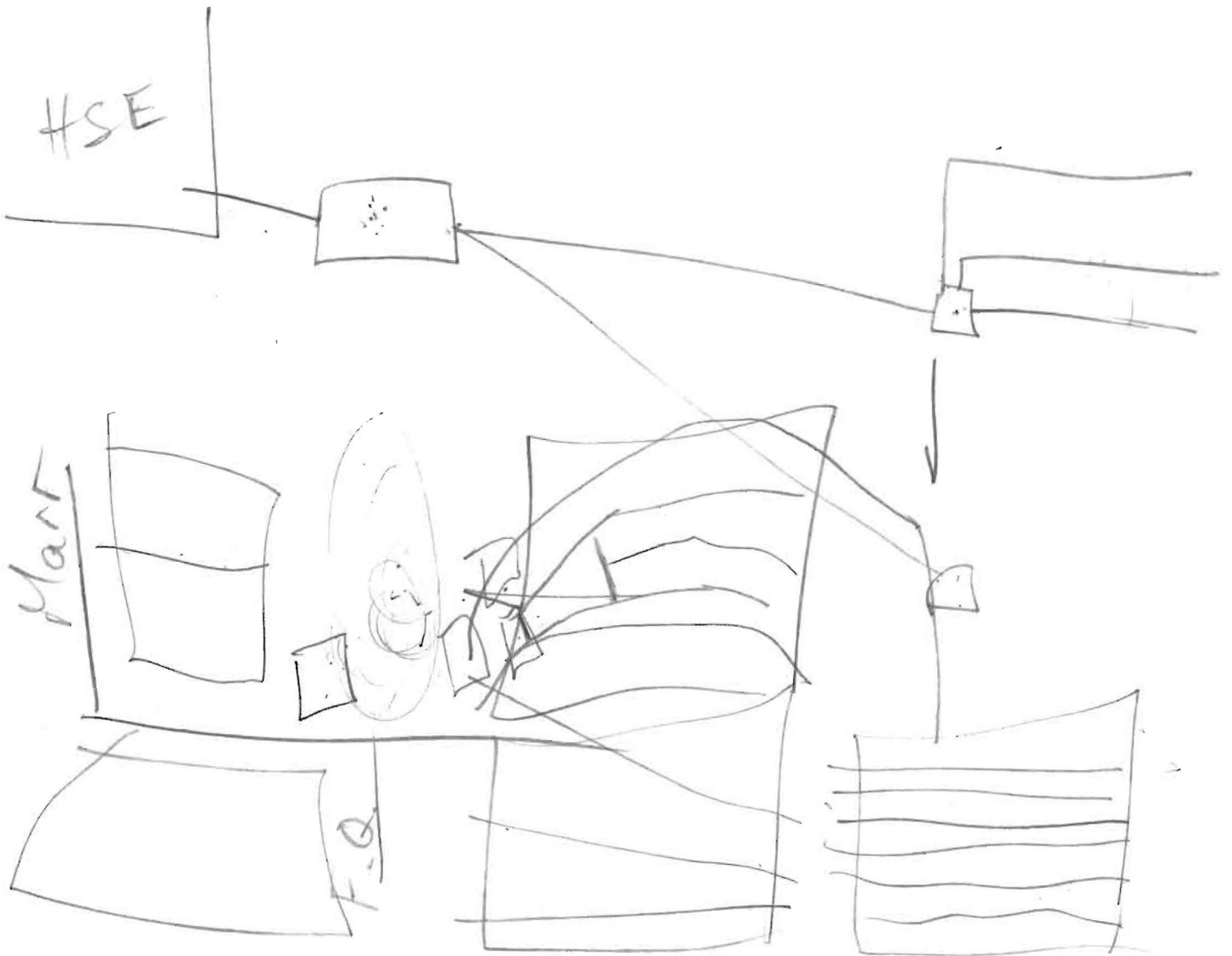
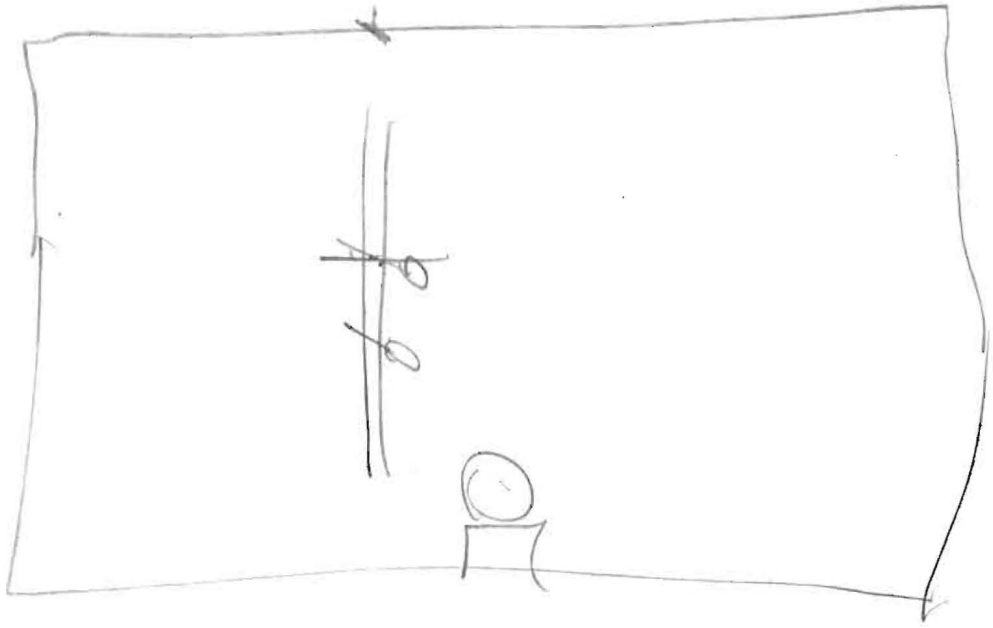
410-682-7637
443-474-4245

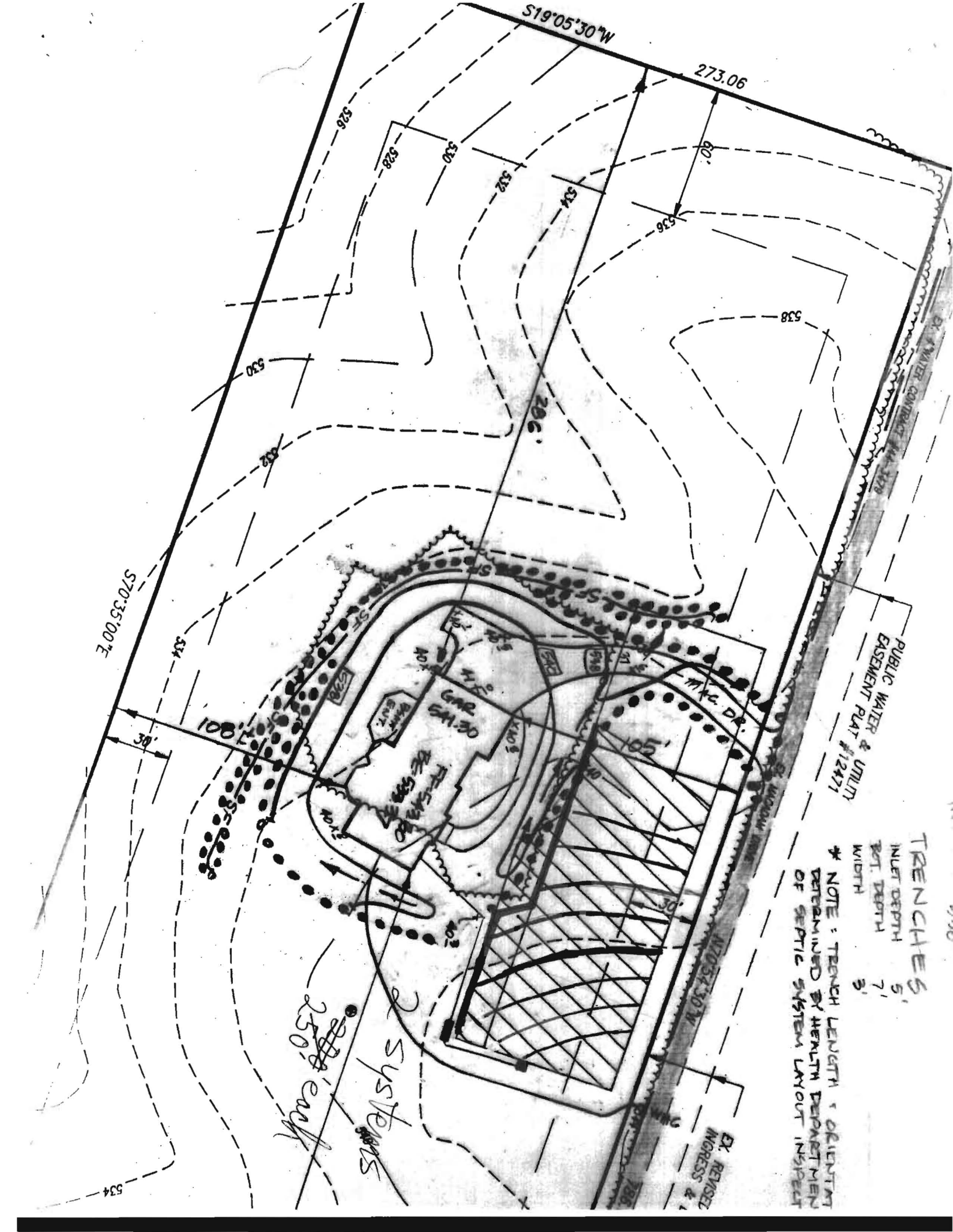
4/14/03 MR W/SHAKIR BOSLEY
RE: ~~PER~~ SRA ADJUSTMENT
FOR DRIVEWAY & SWALE ISSUES;
TWO TEST HOLES AS SHOWN,
OK ~~FOR~~ TO PLUMB TO MIDDLE OF
SRA AS LONG AS GRAVITY FLOW
AVAIL AND HIGHEST PART OF SRA

SCALE 1"=100'
N 70° 35' 00" W
ROUTE 14.4

N 19° 05' 30" E 726.00
S 19° 05' 30" W

80' WIDE R/W





PUBLIC WATER & UTILTY
EASEMENT PLAT #12471

TRENCHES

INLET DEPTH	BOT. DEPTH	WIDTH
5'	7'	3'

* NOTE: TRENCH LENGTH & ORIENTATION DETERMINED BY HEALTH DEPARTMENT OF SEPTIC SYSTEM LAYOUT INSPECT

2 systems
250' each

S70°35'00"E

S19°05'30"W

273.06

286'

100'

105'

30'

30'

541.30
542.30
543.30
544.30
545.30
546.30
547.30
548.30
549.30
550.30
551.30
552.30
553.30
554.30
555.30
556.30
557.30
558.30
559.30
560.30

EX. RETIRED
INGRESS & EGRESS

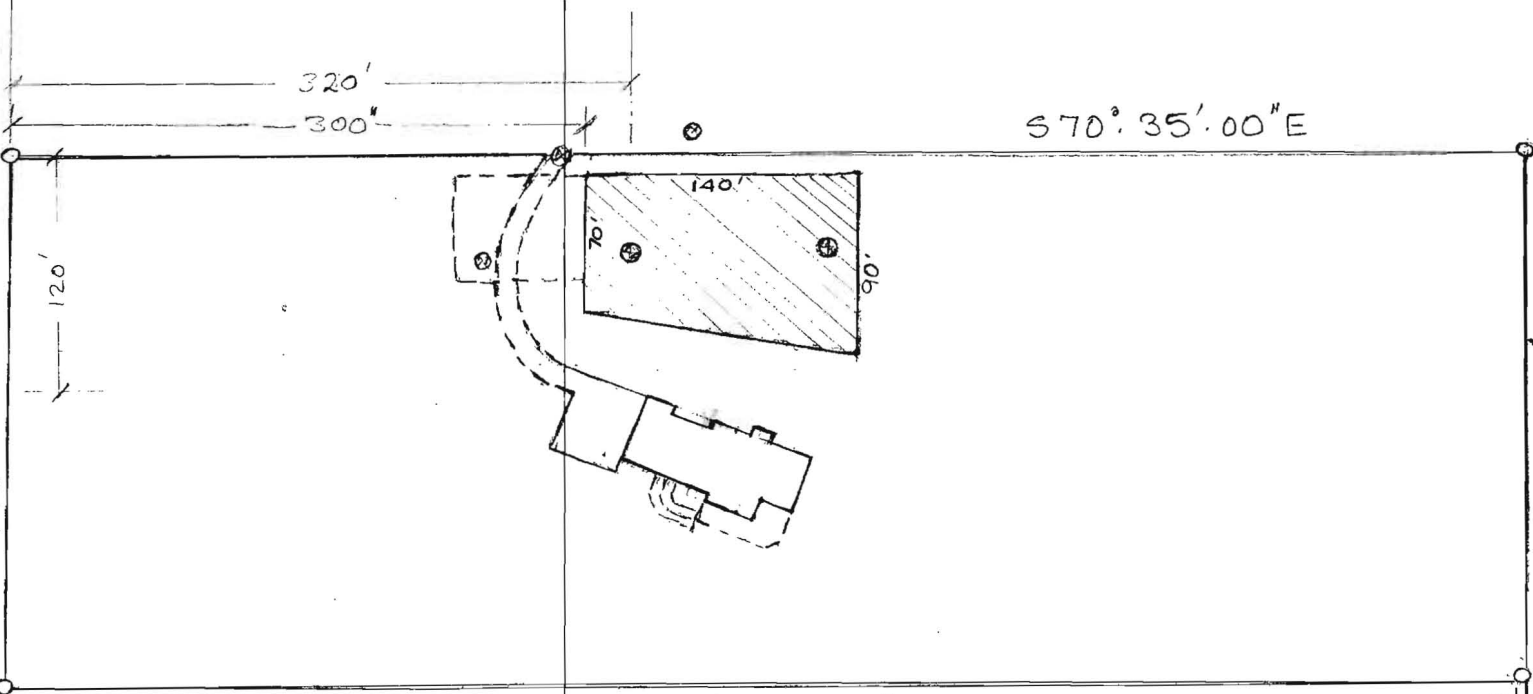
EX. WATER CONTRACT #11-328

S19°05'30"W

S34

273.06

N 19° 05' 30" E



S 70° 35' 00" E

N 70° 35' 00" W

726.00
N 19° 05' 30" E

S 19° 05' 30" W

80' WIDE R/W



THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL.



LOCATION OF EXISTING PERCOLATION TEST CONDUCTED AND RECORDED AT THE HOWARD COUNTY, 8-6-85.

THERE IS NO WATER WELL IN CLOSE PROXIMITY OF THIS EASEMENT.

... authority to grant adjustments to reserve area

2.00
N 70° 35' 00" W
MARYLAND ROUTE 144

SCALE 1"=100'

APPLICATION

WET SEASON
3/8/85
1:30

SEWAGE DISPOSAL TESTING

A 34466

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3rd

DATE 10/15/84

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 HELEN-KOUR KOULES

ADDRESS 1114 PLEASANT VALLEY DR PHONE 744-3503

PROPERTY LOCATION: LOT #6 KINGS GIFT - ~~BT 1114~~ FREDERICK-RD
Catonsville, Md. 21028

SUBDIVISION KINGS GIFT LOT NO. #6

ROAD AND DESCRIPTION _____

SIZE OF LOT 5.001 ACRES TYPE BLDG. NONE
(NUMBER OF BEDROOMS)

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. Helen Kourekoules
(SIGNATURE OF APPLICANT)

APPROVED BY C. Williams FOR 8/1/85 SHALLOW SYSTEM DATE 8/1/85

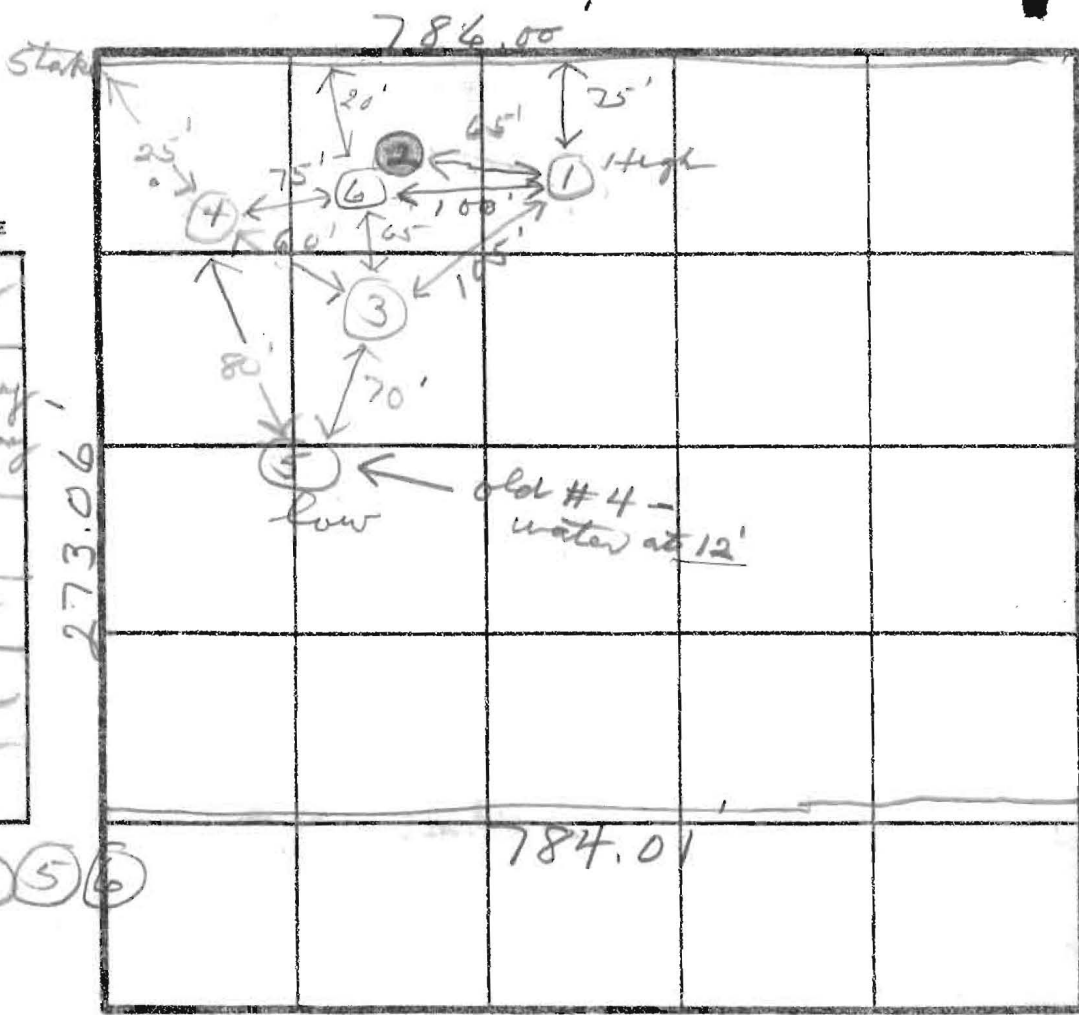
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS in wet season F. Shemin DATE 11/1/87

REASONS FOR REJECTION OR HOLDING 10/26/84 Hold for certified holes for stages

THIS IS NOT A PERMIT

2:45



823.5
180

SOIL PROFILE

- 4' clay
- 4' sandy - little clay
- 13' (2) clay
- 5' coarse sandy
- 12' (3) (4) (5) (6)
- 5' clay
- Sandy
- 12'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 144

DATE	TEST NO	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/26/84	1 S	5	10:50	10:04	10:04	10:08	4
	M (13')	9	10:08	10:17	10:04	10:08	4
	2 S	5	10:10	heavy clay failed			
	M (12')	9	10:10	10:14	10:14	10:20	6
	3 S	4	10:25	10:27	10:27	10:30	3
	M (12')	8	10:24	10:26	10:26	10:28	2
	4 S	4	10:32	10:34	10:34	10:36	2
	M (12')	8	10:28	10:34	10:34	10:42	8
	5 S	3	10:41	10:42	10:42	10:44	2
	M (9')	7	10:44	10:45	10:45	10:47	2
	6 V	12					
3/8/85	#5 V	14' WATER AT 13.5'					

REMARKS Holes #1 + #6 same elevation
Need certified holes
TYPE OF SOIL J8
H. Sirk

APPLICATION

10/19/84
9:30 AM
10/20/84
9:30 AM
10/18/84
1:30 P.M.

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 34466

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3rd

DATE 10/15/84

11778 Rt 144

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 HELEN-KOURKOULES

ADDRESS 1114 PLEASANT VALLEY DR PHONE 744-3503

PROPERTY LOCATION: LOT #6 KINGS GIFT - ~~RT 144~~ FREDERICK-AD

SUBDIVISION KINGS GIFT LOT NO. #6

ROAD AND DESCRIPTION opposite - triadelphia road

SIZE OF LOT 5.001 ACRES TYPE BLDG. NONE
(NUMBER OF BEDROOMS)

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.

Helen Kourkoulis
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

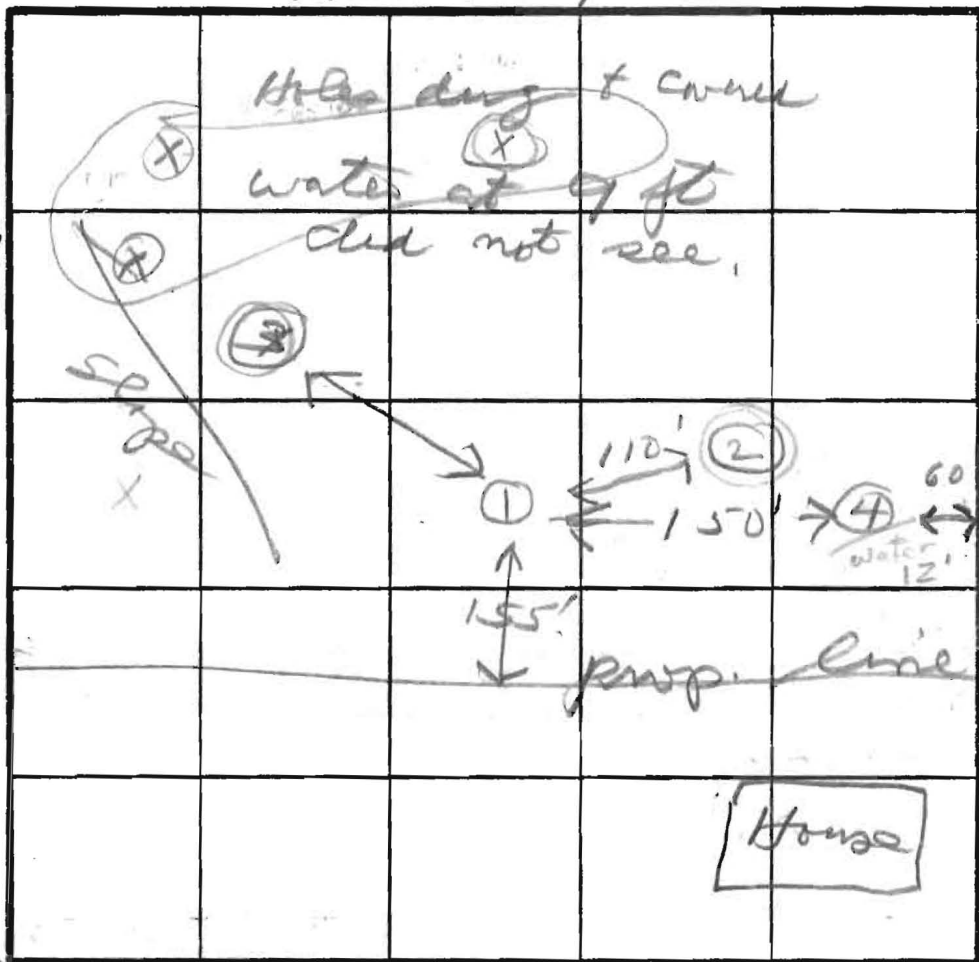
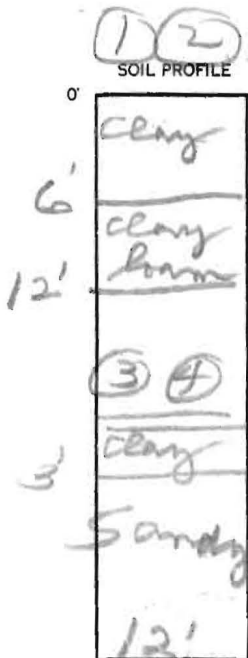
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING could not perc 2 holes, all other holes has water. If more perc's done, wet season only. J. Stayer

THIS IS NOT A PERMIT

RT 144

TO #144



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/18/87	1 S 1 M	1 1/2 1 1/2	1:10	1:15	1:15	1:19	failed 4
	2 S 2 M	5 9	1:33 1:30	failed			
	3 S	5	1:49	1:54	1:54	failed	
	3	water 9 1/2'					
	4	12	water at 12'				

REMARKS

TYPE OF SOIL

TESTED BY

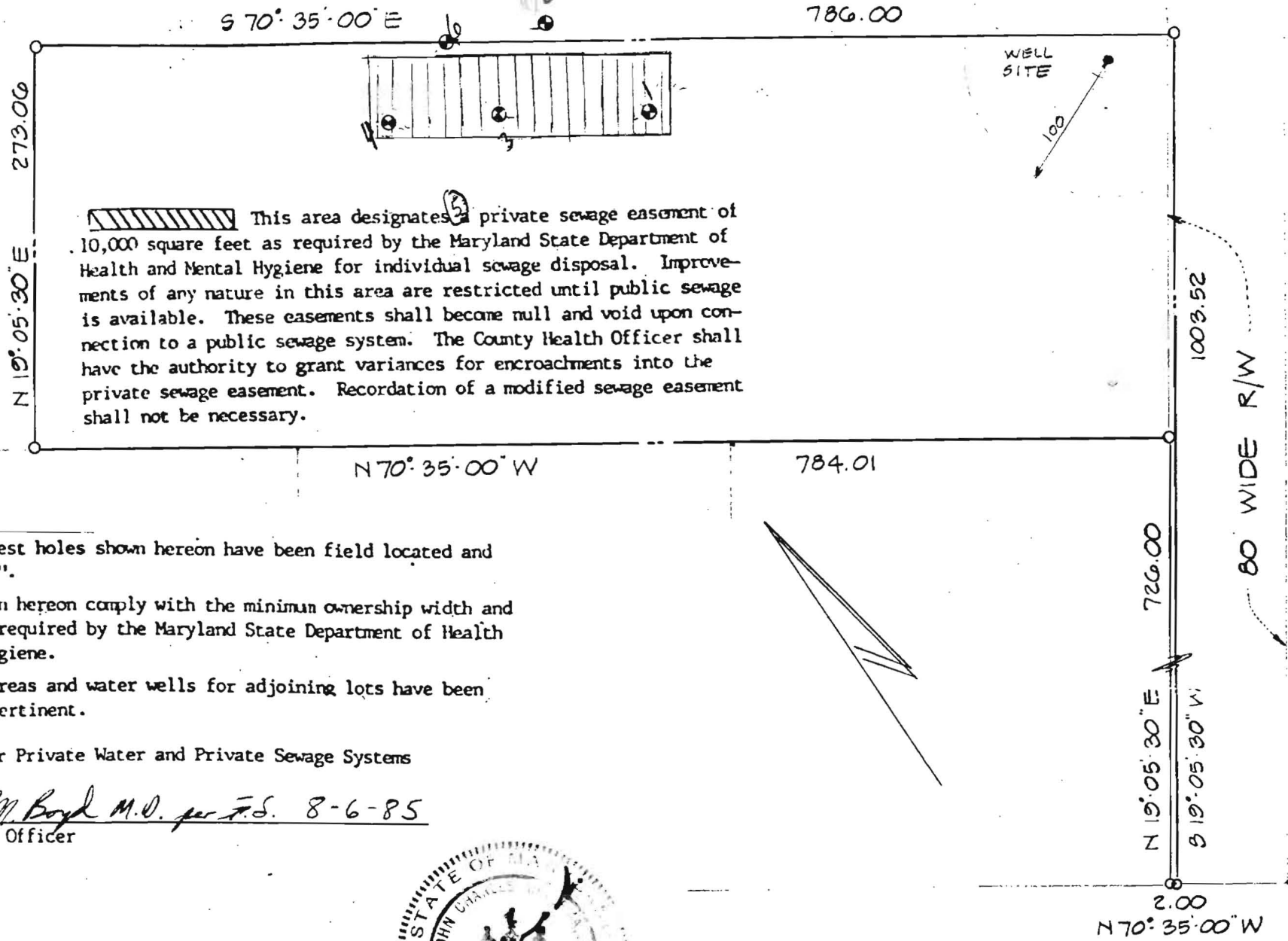
This lot should be tested during "wet" season only.


lot in woods.

ALSO PRESENT

Sub

LOT 9
~~LOT 7~~



 This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements 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 shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "⊕".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

Joyce M. Boyd M.D. per F.S. 8-6-85
County Health Officer



MARYLAND ROUTE 144

PREPARED BY:
JOHN C. MELLEMA SR. INC.
LAND SURVEYORS

PERCOLATION TEST
LOCATION

LOT 6, KINGS GIFT SUBDIVISION
HOWARD CO. MD

SCALE: 1" = 100'
FEBRUARY 15, 1985

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



BUREAU OF ENVIRONMENTAL HEALTH
~~21043~~
~~900 B FOREST STREET~~
ELLICOTT CITY, MARYLAND 21043
TELEPHONE: ~~302-2830~~
461-9933

November 1, 1984

Ms. Helen Kourkoules
1114 Pleasant Valley Drive
~~Ellicott City, Maryland 21043~~
Baltimore 21228

RE: King's Gift - Lot 6

Dear Ms. Kourkoules:

I regret to inform you that percolation tests conducted on the above referenced property on October 18, 1984 and October 26, 1984 revealed the existence of a water table in the areas tested.

Since water was encountered, no determination as to this lot's suitability for disposal of sewage effluent can be made at this time. It will be necessary to schedule an additional inspection during the time when the water table is at its highest. This period or "wet season" generally occurs between February 1st and April 30th.

If the results of that inspection of a deep test pit to check for the water table are satisfactory, then the percolation test area can be approved provided a plat prepared by a registered land surveyor or licensed professional engineer is submitted showing location of the sewage easement area and proposed house and water well sites that meet siting requirements.

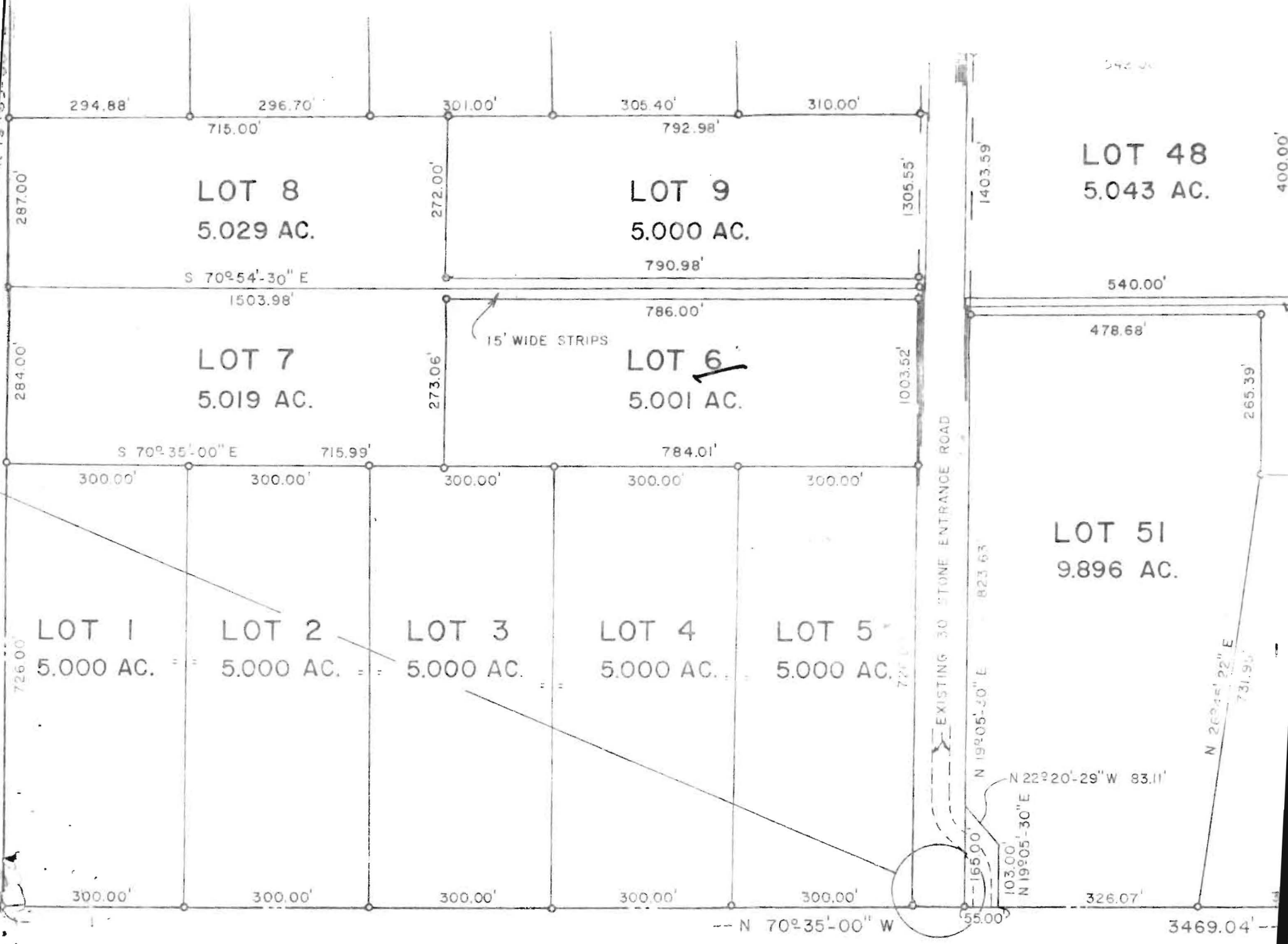
I regret any inconvenience this necessary delay may cause you. I will call Nick Kourkoules at 465-2427 shortly after February 1st of next year to arrange for an inspection. As this is a continuation of the testing procedure already in progress, no additional fees are required for this inspection.

If you have any questions regarding this matter, please call me at 461-9933.

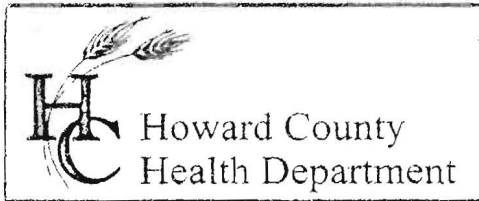
Very truly yours,

Frank Skinner, Director
Water and Sewerage Program

FS: jr



MARYI AND ROUTE 144



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

May 19, 2003

Indrashekhar & Smita Bhonsale
8552 Ellicott View Road
Ellicott City, MD 21043

RE: Percolation Test Results – Original A 34466
King's Gift Lot 6, 11605 Princess Lane
Adjustment/Confirmation of Previously
Approved Sewage Reserve Area

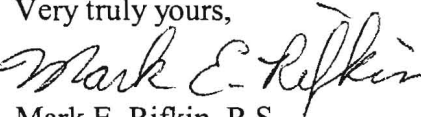
Dear Mr. & Mrs. Bhonsale:

Percolation testing conducted April 24, 2003 on the referenced property indicated limited satisfactory soil conditions, although satisfactory soils were eventually encountered. The primary limiting factors were shallow groundwater and deep clay layers. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations of all excavated test holes with field-verified topography
- 2) the existing approved sewage reserve area
- 3) the proposed sewage reserve area
- 4) the proposed house, driveway and public water connection
- 5) a note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 6) a note indicating that depicted topography reflects field-verified information
- 7) the plan identification number (PC 34466)

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2640.

Very truly yours,

Mark E. Rifkin, R.S.
Water and Sewerage Program

MR
Enclosures
cc: Shanaberger and Lane
File

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



BUREAU OF ENVIRONMENTAL HEALTH
P. O. Box 476

ELLCOTT CITY, MARYLAND 21045
TELEPHONE:

461-9933

April 9, 1985

Ms. Helen Kourkoules
1114 Pleasant Valley Drive
Baltimore, Maryland 21228

RE: King's Gift - Lot 6

Dear Ms. Kourkoules:

On March 8, 1985 a visual reinspection of the property known as King's Gift - Lot 6 was performed to establish the level of the water table during the "wet season". This letter is to certify that the water table has not risen since the previous test of October 26, 1984. Therefore, the lot has met the minimum requirement for suitability for disposal of sewage effluent pending receipt of a certified plat showing percolation holes, house and well site by a licensed engineer.

If you should have any further questions concerning this lot, please feel free to contact me. Thank you for the opportunity to serve you.

Very truly yours,

Craig Williams, Acting Director
Water and Sewerage Program

CW/SWA:jr

PLAT REVIEWED OK
SIGNED 8/6/85

NOTES:

1. TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN BY SHANABERGER & LANE ON SEPTEMBER 17, 2002 & WAS ALSO TAKEN FROM 1"=200' HOWARD COUNTY AERIAL TOPOGRAPHY.
2. B.R.L. DESIGNATES BUILDING RESTRICTION LINE
3. \oplus DESIGNATES APPROVED PERC TEST
 $\opl�$ DESIGNATES FAILED PERC HOLE
H DESIGNATES POSSIBLE HOUSE SITE
- DESIGNATES LINES SHORTENED FOR DRAFTING PURPOSES
DESIGNATES SPOT ELEVATION FROM FIELD-RUN TOPOGRAPHY
- THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE RESERVE AREA 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 SEWAGE IS AVAILABLE. THIS RESERVE AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS INTO THE PRIVATE SEWAGE RESERVE AREA.
- DESIGNATES PREVIOUSLY APPROVED SEPTIC AREAS FROM AVAILABLE PLANS OF RECORD.
- THERE ARE NO VISIBLE WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY LINES.
- LIMIT OF DISTURBANCE (LOD) = 19,975 S.F.
- TITLE DEED: 1302/554
- AN EJECTOR PUMP WILL BE REQUIRED IN BSMT FOR SEWER SERVICE TO BSMT.

SEPTIC DATA

IN V HOUSE 539[±]

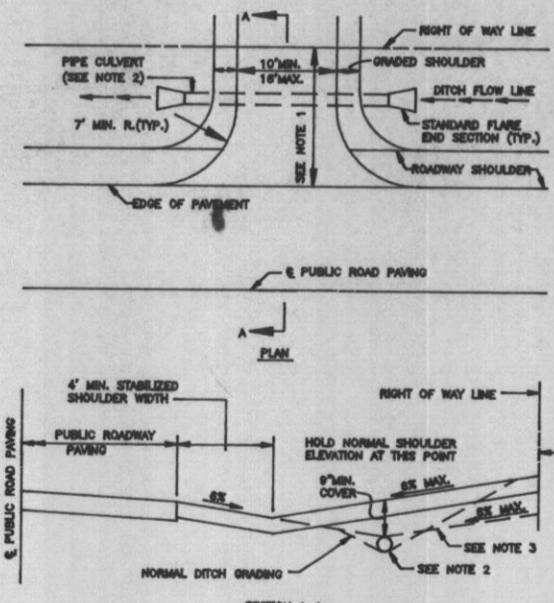
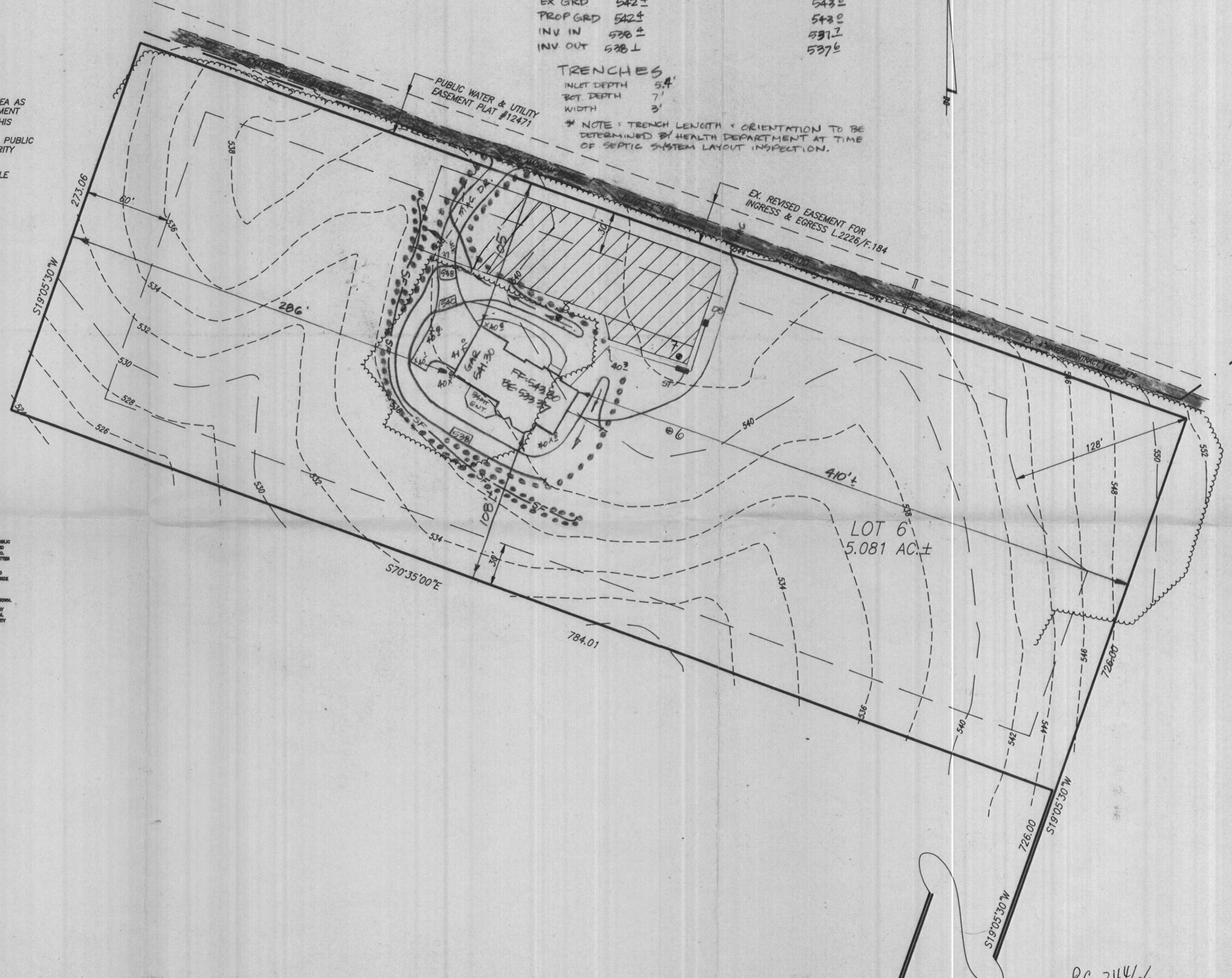
SEPTIC TANK
EX GRD 542[±]
PROP GRD 542[±]
INV IN 538[±]
INV OUT 538 L

DIST BOX
543[±]
543[±]
537[±]
537[±]

TRENCHES

INLET DEPTH 5.4'
BOT DEPTH 7'
WIDTH 3'

* NOTE: TRENCH LENGTH & ORIENTATION TO BE DETERMINED BY HEALTH DEPARTMENT AT TIME OF SEPTIC SYSTEM LAYOUT INSPECTION.



- NOTES:**
1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 AS SHOWN ON STD. INC. OR ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.M.
 2. DRIVEWAY CURB SHALL BE SET FOR A 10 YEAR PROJECTIONS STONE AND THE CURB SIZE SHALL BE 12\"/>
 - 3. SINGLE FLOW MUST BE PROVIDED OVER DRIVEWAY LOCATED AT OR NEAR THE CREST OF VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL, AS APPROVED BY D.P.M.
 - 4. THE 24\"/>

APPROVED FOR PUBLIC WATER AND PRIVATE SEWAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

Penny Bonata, M.P.S. 2-6-04
COUNTY HEALTH OFFICER DATE

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD. 21043
PHONE: 410-461-9563
FAX: 410-461-9693

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 AND BELIEF.
Scott Shanabarger
6. SCOTT SHANABERGER
PROFESSIONAL LAND SURVEYOR #10849
DATE 1/12/03

OWNER/DEVELOPER:
SHEKAR BHONSALE
8552 ELLICOTT VIEW RD.
ELLCOTT CITY, MD. 21043

MD. ROUTE 144

PC 34466
FIELD-LOCATED PERC TEST PLAT & SITE PLAN
LOT 6
KINGS GIFT
3RD ELECTION DIST. HOWARD CO., MD.
SCALE: 1"=50' DECEMBER 4, 2003
ZONING: RC-DEO
REV. 2/2/04