

W.P.I. - 9/11/84 - after 2 PM approved 9/11/84  
Stayer P 34317

9/11/84  
AM + PM

# PERMIT

A 27380

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

Lot HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

## INDEX

ELLICOTT CITY  
DISTRICT 4th  
DATE 9/6/84

New World Homes IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_  
ADDRESS 15775 Route 144, Lisbon, MD 21765 PHONE \_\_\_\_\_  
SUBDIVISION Kogen Trust ROAD 18131 New Cut Road LOT 12  
PROPERTY OWNER Greg & Janet Diamond Kalb  
ADDRESS 23511 Howard Chapel Road  
Brookeville, MD 20833

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 158 sq. ft. per bedroom. 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 with 2 feet of stone below distribution pipe. LOCATION: Start the trench at perc hole #9 which is located 60 feet from the point where the 320 ft. long lot line and 357.54 ft. long lot line intersect and 40 feet from the 357.54 ft. long lot line. Run part of the ditch toward the 357 ft. long lot line and part away from the 357 ft. long lot line. Place the 2nd trench parallel to the 1st. trench and at least 10 feet between the trenches, center to center. NOTE: No trench to exceed 100 feet in length. If more than one trench used a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and dry well.

PLANS APPROVED BY Raymond Hodges/P. Skinner DATE 9/5/84

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

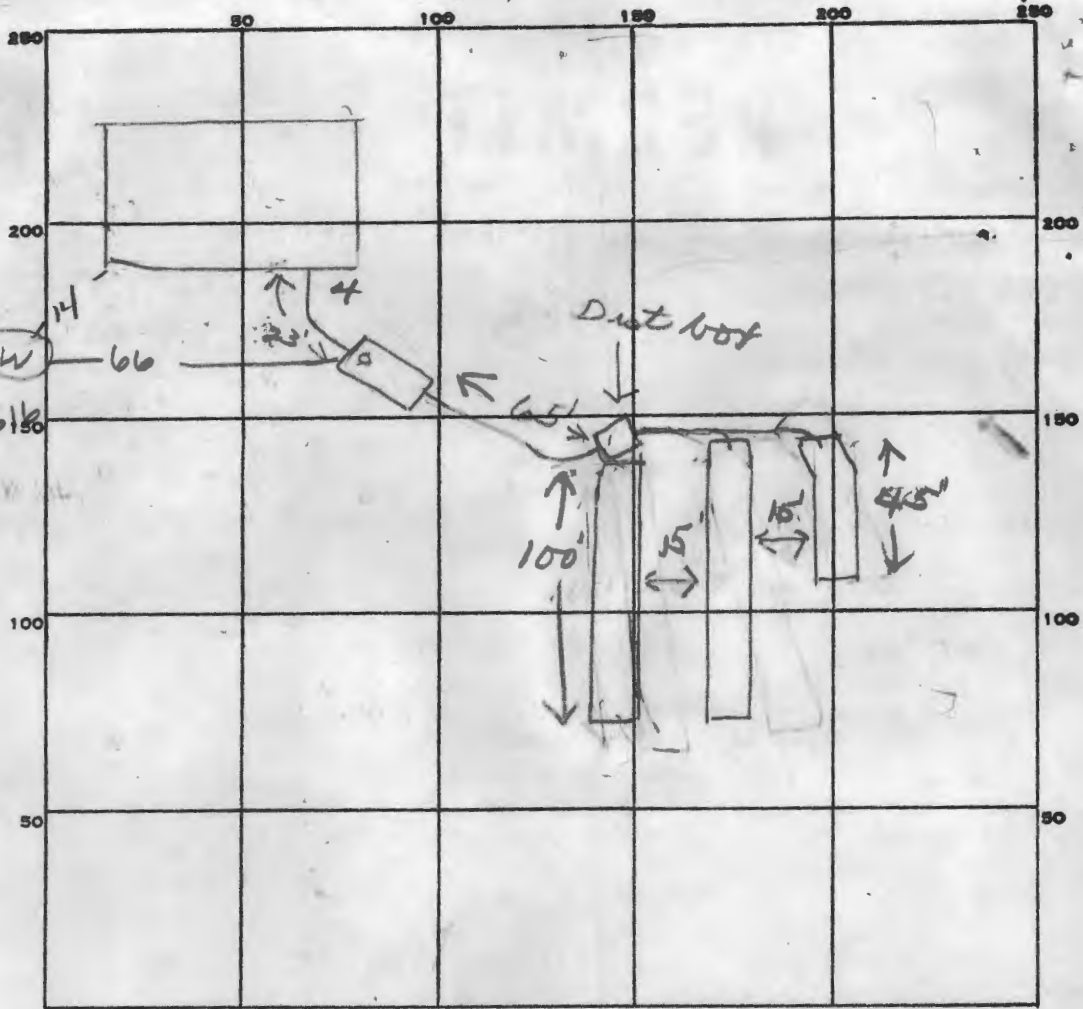
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER THREE 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

*New Cut Rd*

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL ✓ 1500

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 6 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH 2 1/2 IN. TOTAL LENGTH 2.45 FT.

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 7.35

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 7.35 SQ. FT.

REMARKS 9/11/84 OK to add stone in trenches JS  
9/11/84 OK to cover all work JS

DATE SYSTEM APPROVED 9/11/84

INSPECTOR Stager

# SHANABERGER & LANE

Surveying • Land Planning • Construction Stakeout

## TRANSMITTAL FORM

TO: Mr. Craig Williams  
Howard County Health Dept.

DATE: 2/7/92

PLEASE FIND ATTACHED THE FOLLOWING:

1) One letter from Mr. D. Scott Shanabarger to Mr. Craig Williams

DELIVERED BY: J. Allen Hobbs

RECEIVED BY: \_\_\_\_\_

DATE: 2/7/92

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.

92 FEB -7 PM 2:37

8726 Town and Country Boulevard • Suite 203 • Ellicott City, Maryland 21043 • (801) 461-9568

6-23-92 Pumped system not required for Lot-15.  
SDA's reachable on gravity flow. JENadeau

FEBRUARY 6, 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH  
OF HOWARD COUNTY  
ATTN: CRAIG WILLIAMS

RE: UPHILL SEWAGE DISPOSAL SYSTEM DUE  
TO RELOCATION OF PERCOLATION FIELD OF CURRENT  
LOT #12, KOGAN TRUST PROPERTIES, OWNED BY  
RICHARD H. KORB, JR.

DEAR MR. WILLIAMS,

PLEASE LET THIS LETTER ESTABLISH  
OUR ACKNOWLEDGEMENT OF AN INEVITABLE  
USE OF AN UPHILL PUMP SYSTEM ON OUR  
PROPERTY IN THE EVENT OF A NECESSARY  
RELOCATION FROM OUR CURRENT SEWAGE DISPOSAL  
FIELD. WE HEREBY WILLINGLY AGREE  
TO THE FOLLOWING CONDITIONS:

1) IF THE HOWARD COUNTY DEPT. OF HEALTH  
AT ANY FUTURE POINT IN TIME DEEMS OUR  
CURRENT SEPTIC AREA RUINED OR UNUSABLE  
FOR ANY REASON, WE AGREE TO INSTALL  
AN UPHILL PUMP SYSTEM TO COMPLETELY  
SATISFY ANY REGULATIONS DEEMED BY  
HOWARD COUNTY TO BE PERTINENT TO  
SUCH A SYSTEM.

2) IN THE EVENT THAT THIS PROPERTY  
IS PUT UP FOR SALE BEFORE AN ALTERATION  
OF SUCH A SYSTEM IS REQUIRED FOR USE,  
WE AGREE TO INSTALL A HOWARD COUNTY  
APPROVED PUMP PIT BEFORE THE PROPERTY  
IS SOLD TO ALLEVIATE A PORTION OF THE

COST OF SUCH POTENTIAL SYSTEM FROM THE BUYERS, AS PROPOSED BY MR. WILLIAMS.

WE FEEL THAT THESE CONDITIONS WILL ALLEVIATE ANY QUESTIONS OR FUTURE PROBLEMS IN REGARD TO HOWARD COUNTY APPROVING THE PROPOSED SEPTIC FIELD ON OUR PROPERTY, AND SINCERELY HOPE THEY ARE ACCEPTED IN THE GOOD FAITH IN WHICH THEY ARE PROPOSED & AGREED TO ON OUR PART.

SINCERELY,  
AND MARIE ROSS



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HOWARD COUNTY HEALTH DEPARTMENT

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

February 24, 1992

*Reply to:*

MEMORANDUM

TO: Scott Shanaberger  
Shanaberger & Lane

FROM: Craig Williams, Program Director (C.W.)  
Water and Sewerage Program

RE: Revised Sewage Disposal Easement Proposal  
Kolb Property - Kogans Trust - Lot 7

The recent proposed revision to the septic disposal easement is not acceptable to this office without further testing.

Even if the testing is successful, Lot 14 may be left without a viable well site. It is suggested that this proposal be withdrawn and other arrangements be considered.

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

CW:jr

C-1 1398

SEQUENCE NO. (DEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

COUNTY NUMBER A 27380

Date Received (OEP use only)

DATE WELL COMPLETED 070204

Depth of Well 250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-87-0618

OWNER New World Homes last name first name New Cut Rd. TOWN Mount Airy SUBDIVISION Kogan Trust Property SECTION LOT 7

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM TO), Check if water bearing. Rows include: rolling ground, gravel, brown shale, gray shale, water, gray shale, water, gray shale.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 5 NO. OF POUNDS 450 GALLONS OF WATER 35 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 23 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE ST Nominal diameter top(main)casing (nearest inch) 6 Total depth of main casing (nearest foot) 23

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT STEEL BRASS, BRONZE OPEN HOLE PLASTIC OTHER

DEPTH (nearest ft.) HU 23 250

CIRCLE APPROPRIATE BOX A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 064 DRILLERS SIGNATURE Wm. W. Reichart (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from 56 to 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST C 3 (Seq. no.) 4 HOURS PUMPED (nearest hour) 1 PUMPING RATE (gal. per min. to nearest gal.) 8 METHOD USED TO MEASURE PUMPING RATE watch bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 65 WHEN PUMPING 223 TYPE OF PUMP USED (for test) P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED YES NO DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) New Cut Rd

B 1. **3554** SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS: 3-6 ON ALL CARDS)

STATE OF MARYLAND  
 PERMIT TO DRILL WELL

OEP PERMIT NUMBER

**40-81-0616**  
 fill in this form completely

please print or type

Date Received **7/28/84 - 11:00 AM**  
 OWNER INFORMATION  
**Robert Hammond**  
**New World Homes LTD**  
 Last Name Owner First Name  
**15775 Rt 144**  
 Street or RFD  
**Lisbon MD 21765**  
 Town State Zip

B 3 LOCATION OF WELL  
 HOWARD COUNTY  
 Kogan Trust Property  
 SECTION **7** LOT **7**  
 Mount Airy  
 MILES FROM TOWN (enter 0 if in town) **5** MI

DRILLER INFORMATION  
**Wm. W. Reichart**  
 Driller's Name License No. **0641**  
**Wm. W. Reichart, Inc**  
 Firm Name  
**PO Box 54 Hanover, PA 17331**  
 Address  
**Wm. W. Reichart**  
 Signature Date **8/18/84**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
 TOWN  
 NEAR WHAT ROAD **New Cut Rd**  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 DISTANCE FROM ROAD **1000** FT  
 ENTER FT or MI **FT**

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **6**  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** COUNTY NAME  
**A27320** COUNTY NO.  
 OEP SIGNATURE **Frank Shum** STATE HEALTH INSERT S  
 DATE ISSUED **12/29/84** EXP. DATE  
 NORTH GRID **541000** EAST GRID **0758000**

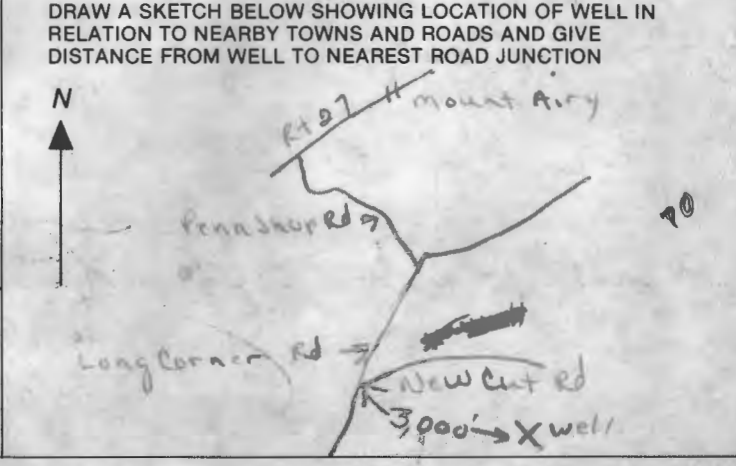
APPROXIMATE DEPTH OF WELL **250** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)  
 CABLE REVERSE-ROTARY Drive-POINT  
 other \_\_\_\_\_

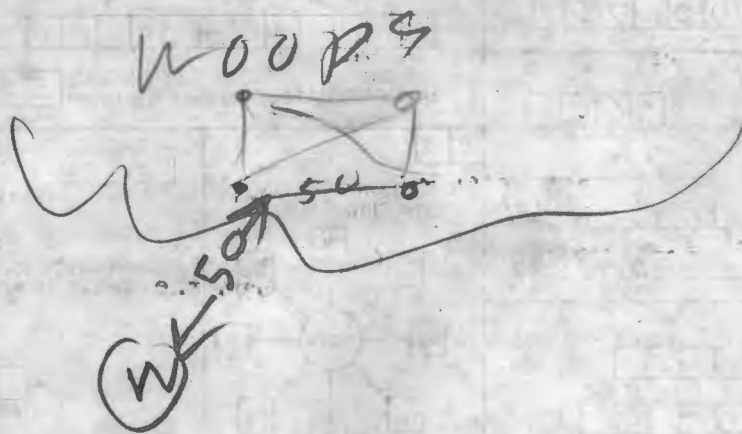
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. Approved well  
 2.  
 3.  
 WRITE THE BOX NUMBER FROM THE MAP HERE  
 E **7508**  
 N **540**

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_



Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER **GAP**  
 FORCE **FS** WRITE INITIALS IN BOX PERMIT NO. **40-81-0616**

SPECIAL CONDITIONS



NEW CUT RD

7/6/84

- ① LOCATION PROBABLY O/K
- ② 24 1/2 FT CASING 1 FT out of ground
- ③ 23 FT open hole
- ④ 5 BAGS
- ⑤ WELL O/K

Gave Well tag to man

Raymond Hodge

461-9933

January 21, 1985

Mr. Greg Hammond  
18131 New Cut Road  
Mt. Airy, Maryland 21771

Dear Mr. Hammond:

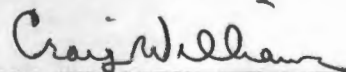
The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

FINAL CERTIFICATE OF POTABILITY

This certifies that all sampling requirements of COMAR 10.17.13 "Well Regulations" have been met for the water supply system installed under permit(s) HO-81-0616.

January 8, 1985  
Date of Final Sampling

January 21, 1985  
Date of Acceptance



Craig Williams, Acting Director  
Water and Sewerage Program

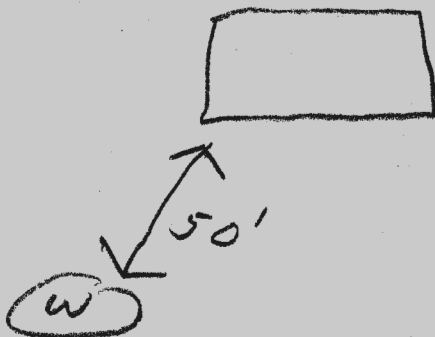
CW/JS:jr

Well Approved: 7/06/84  
Septic Approved: 9/11/84

Water Sample Dates: 1/07/85  
1/08/85







9/11/84 - Lines installed from house  
to well at 4 ft below grade.  
No other work finished. JS

12/10/84 P.R.V. installed OK JS

A 47953

SUBDIVISION: Kogans Trust Property

LOT NUMBER: 15 old A 27380

DRY WELL OR DRY WELL AND TRENCH

Repair septic systems  
sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.  
 Bottom maximum depth \_\_\_\_\_ feet below original grade.  
 Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

\_\_\_\_\_ sq. ft./bedroom  
 Trench to be 3.0ft wide.  
 Inlet \_\_\_\_\_ feet below original grade.  
 Bottom maximum depth \_\_\_\_\_ feet below original grade.  
 Effective area begins at \_\_\_\_\_ feet below original grade.  
 \_\_\_\_\_ feet of stone below distribution pipe.

Pump pit required.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SUBDIVISION: Kogan Trust Property

LOT NUMBER: 7

DRY WELL OR DRY WELL AND TRENCH

	Septic Tank	sq. ft./bedroom	Minimum Total square Feet
3 bedroom	1000 gallon		
4 bedroom	1250 gallon		
5 bedroom	1500 gallon		

Inlet \_\_\_\_\_ feet below original grade.  
 Bottom maximum depth \_\_\_\_\_ feet below original grade.  
 Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

150  
80

EXAMPLE 3 158 sq. ft./bedroom

Trench to be 3 wide. 3 BEDROOMS NO GARBAGE

Inlet 4 feet below original grade. GRINDER = 160 FT LONG

Bottom maximum depth 6 feet below original grade. 2 TRENCHES

Effective area begins at 4 feet below original grade.

2 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: 7/12/04 - START THE TRENCH AT PERC HOLE # 9

WHICH IS LOCATED 60 FT FROM THE POINT WHERE THE  
320 FT LONG LOT LINE & 357.54 FT LONG LOT LINE  
INTERSECT AND 40 FT. FROM THE 357.54 FT LONG LOT LINE  
RUN PART OF THE DITCH TOWARD THE 357 FT LONG LOT  
LINE & PART AWAY FROM THE 357 FT LONG LOT LINE  
PLACE THE 2ND TRENCH PARALLEL TO THE 1ST  
TRENCH AND AT LEAST 10 FT BETWEEN

461-9933

April 2, 1985

Mr. & Mrs. Greg Hammond  
18131 New Cut Road  
Mt. Airy, Maryland 21771

Dear Mr. Hammond:

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

FINAL CERTIFICATE OF POTABILITY

This certifies that all sampling requirements of COMAR 10.17.13 "Well Regulations" have been met for the water supply system installed under permit(s) HO-81-0616.

January 8, 1985  
Date of Final Sampling

January 21, 1985  
Date of Acceptance

Craig Williams  
Craig Williams, Acting Director  
Water and Sewerage Program

CW/JS:jr

Well Approved: 7/06/84  
Septic Approved: 9/11/84

Water Sample Dates: 1/07/85  
1/08/85

STATE OF MARYLAND  
DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Laboratories Administration

**BACTERIOLOGICAL DRINKING WATER REPORT**  
Field Record

Community ..... Non-Community ..... Private   
 Routine ..... Check Sample ..... Special   
 Source *Hammonds, 18131 New Kent Rd*  
 Bottle No. *9632* ..... Time Collected *10:20*  
 Treated ..... Raw   
 Iced: Yes  No  Collector *Stayer* County *Howard*

*113* County         Plant No.         Sampling Station

*12 10 84* Date Collected        Card No.

pH  *6.6*      Res. Cl: Free  *0.0*      Total  *0.0*

Laboratory Record

Thiosulfate: Pres.  Absent  Undetermined

PRESUMPTIVE TEST\*      CONFIRMED TEST

ml. of Sample	10ml.	ml. of Sample	10ml.	No. of Pos.
Gas, 24 hours	- - - - -	Coliforms †	+ - - - -	3
Gas, 48 hours	+ - - - -	Fecal Coliforms ‡	- - - - -	

Coliforms/100 ml. (Membrane Filter) =

Dilution: 1- | Col. Counted:

Standard Plate Count #/ml.

- \*\* using m Endo-Agar LES at 35°C. incubation
- \* using Lauryl Sulfate Trypticase Broth at 35°C. incubation
- † using Brilliant Green Lactose Bile Broth at 35°C. incubation
- ‡ using EC Broth at 44.5°C. incubation
- § using Plate Count Agar at 35°C. incubation

Date & Hour: Recd. *Dec 10 1984* Exam. *3*

Rept. *DEC 10 1984* Bacteriologist *Coan*

Remarks .....

*CENTRAL* Laboratory      Lab No. *12382*



STATE OF MARYLAND  
DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Laboratories Administration

**BACTERIOLOGICAL DRINKING WATER REPORT**  
Field Record

Community ..... Non-Community ..... Private   
 Routine ..... Check Sample ..... Special   
 Source HAMMOND, 18131, NEW GWT, RR  
 Bottle No. LL 814 ..... Time Collected 9:30  
 Treated ..... Raw   
 Iced Yes  No  Collector STAYAN County HARVARD

County        Plant No.         Sampling Station  
 Date Collected        Card No.  
 pH       Res. Cl: Free        Total

Laboratory Record

Thiosulfate: Pres.  Absent  Undetermined

**PRESUMPTIVE TEST\***

**CONFIRMED TEST**

ml. of Sample	10ml.	ml. of Sample	10ml.	No. of Pos.
Gas, 24 hours	- - - -	Coliforms †	- - - -	0
Gas, 48 hours	- - - -	Fecal Coliforms ‡	- - - -	

Coliforms/100 ml. (Membrane Filter) =

Dilution: 1- | Col. Counted:

Standard Plate Count #/ml.

- \*\* using m Endo-Agar LES at 35°C. incubation
- \* using Lauryl Sulfate Trypticase Broth at 35°C. incubation
- † using Brilliant Green Lactose Bile Broth at 35°C. incubation
- ‡ using EC Broth at 44.5°C. incubation
- § using Plate Count Agar at 35°C. incubation

Date & Hour: Recd. JAN 26 1985 Exam. 1

Rept. 2 Bacteriologist Carr

Remarks .....

Laboratory

Lab No.

STATE OF MARYLAND  
DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
LABORATORIES ADMINISTRATION  
REPORT OF WATER ANALYSIS

Bottle Number: H 10 Name: Gray Hammond County: Howard

Source of Sample: 18131 New Cut Rd Street: New Cut Rd Town or City: Stayer Collector: Stayer

Sample Type (Circle): Community Source  Non-Community Distribution  **Private MCL**  Emergency Recheck  Routine

Remarks: lot 7

County: 13 Plant No. --- Sampling Station --- Date Collected: 121084 Time: 1020 A M  Acid  Iced

Field Data: pH\* --- Chlorine Residual Free --- Total --- Specific Conductance ---

ANALYSIS	CODE	RESULTS	ANALYSIS	CODE	RESULTS
<input checked="" type="checkbox"/> pH*	011	8.9	Arsenic	253	
<input checked="" type="checkbox"/> Alkalinity (Total)	040	146	Barium	262	
Alkalinity (HCO <sub>3</sub> )	050		Cadmium	273	
Alkalinity (CO <sub>3</sub> )	060		Chromium	283	
pH*, Ca CO <sub>3</sub> SAT.	071		Lead	302	
Alkalinity, Ca CO <sub>3</sub> SAT	080		Mercury	314	
<input checked="" type="checkbox"/> Hardness	110	157	Selenium	323	
Ammonia-N	143		Silver	333	
<input checked="" type="checkbox"/> Nitrate-Nitrite N	162	1.5	Aluminum	192	
Nitrite N	173		Calcium	231	
MBAS	182		Copper	241	
<input checked="" type="checkbox"/> Chloride	091	9	<input checked="" type="checkbox"/> Iron	122	0.06
Fluoride	101		Magnesium	241	
Color*	020		Manganese	133	
Turbidity*	031		Nickel	391	
Conductance*, SPEC.	201		Potassium	361	
Silica	210		Sodium	371	
Sulfate	220		Zinc	342	
Total Residue	381				

\* Results reported in units, all others in milligrams per liter (ppm)

Date Received: DEC 10 1984 Date Reported: FC 13 1984 Chemist: Bruce L. Collier, Ph.D. Lab No: 008044

27380 1/8/85

PROPERTY OWNER Greg Hammond DATE OF REQUEST 12 / 7 / 84

TELEPHONE 831-7051 NEW WELL NUMBER \_\_\_\_\_

DIRECTIONS OR INSTRUCTIONS Call when sample can be taken.

Send results to same address. \_\_\_\_\_

NAME Greg Hammond  
ADDRESS 18131 New Cut Road  
Kogan Trust, Lot 7

<u>SAMPLE TYPE</u>	<u>REASON FOR REQUEST</u>
<input type="checkbox"/> Health Hazard	<input type="checkbox"/> Physician's Advice
<input checked="" type="checkbox"/> U & O	<input checked="" type="checkbox"/> New Residence
<input type="checkbox"/> Real Estate	<input type="checkbox"/> Nitrate Monitoring
<input type="checkbox"/> Pond or Stream	<input type="checkbox"/> Taste or Odor
<input type="checkbox"/> Sewage	<input type="checkbox"/> Treatment System Necessity
<input type="checkbox"/> Other	<input type="checkbox"/> Plumbing or Well Repair
	<input type="checkbox"/> Replacement Well
	<input type="checkbox"/> Curiosity

SETTLEMENT DATE      /      /     

SEPTIC SYSTEM:  Approved  Disapproved DATE      /      /     

CONDITION: \_\_\_\_\_

SUPPLY TYPE:  Drilled Well  Hand Dug  Spring  Public

CONDITION: well OK

FIRST SAMPLE COLLECTOR Stayer TIME 10:20 DATE 12 / 10 / 84

BACTERIA 632, pH 6.6, Free Cl<sup>-</sup> 00, Res. Cl<sup>-</sup> 00, VOC \_\_\_\_\_

CHEMICAL H10, LEAD & COPPER \_\_\_\_\_, NITRATES \_\_\_\_\_, PESTICIDE \_\_\_\_\_

ACTION: \_\_\_\_\_

RESAMPLE COLLECTOR Stayer DATE 1 / 8 / 85

BACTERIA 44814, pH 6.1, Free Cl<sup>-</sup> 00, Res. Cl<sup>-</sup> 00, TIME 9:30

CHEMICAL \_\_\_\_\_, Other \_\_\_\_\_

ACTION: Call with results ICOP

RESAMPLE COLLECTOR \_\_\_\_\_ DATE      /      /     

BACTERIA \_\_\_\_\_, pH \_\_\_\_\_, Free Cl<sup>-</sup> \_\_\_\_\_, Res. Cl<sup>-</sup> \_\_\_\_\_, TIME \_\_\_\_\_

ACTION: \_\_\_\_\_

RESAMPLE COLLECTOR \_\_\_\_\_ DATE      /      /     

BACTERIA \_\_\_\_\_, pH \_\_\_\_\_, Free Cl<sup>-</sup> \_\_\_\_\_, Res. Cl<sup>-</sup> \_\_\_\_\_, TIME \_\_\_\_\_

ACTION: \_\_\_\_\_

12/24/84 Called Mrs. Hammond  
ask her to re chlorinate well  
to call for new sample J

WELL PUMP INSPECTION

Greg Hammond  
18131 New Cut Road  
Woodbine, Maryland

*Rogan Trust, Lot 7*

PLUMBER

Steve Zabel  
15039 Oak Orchard Road  
New Windson, Maryland

Lic. Number 6033

PHONE: 875-2964

Receipt Number 34233

paid 8/15/84

# APPLICATION

Repair

PERCOLATION TESTING

A 47953

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 461-9933

DISTRICT 4

DATE 3/31/92

2/2

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 Richard & Missy Kolb

ADDRESS 1831 New Cut Road, Mt. Airy PHONE 549-6634

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Kogan Trust Property LOT NO. 12 (Resub of Lot-1) New lot 15

ROAD AND DESCRIPTION New Cut Road and Florence Road

TAX MAP 6 PARCEL # 247

SIZE OF LOT 3.45 acres ± TYPE BLDG Existing 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 OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

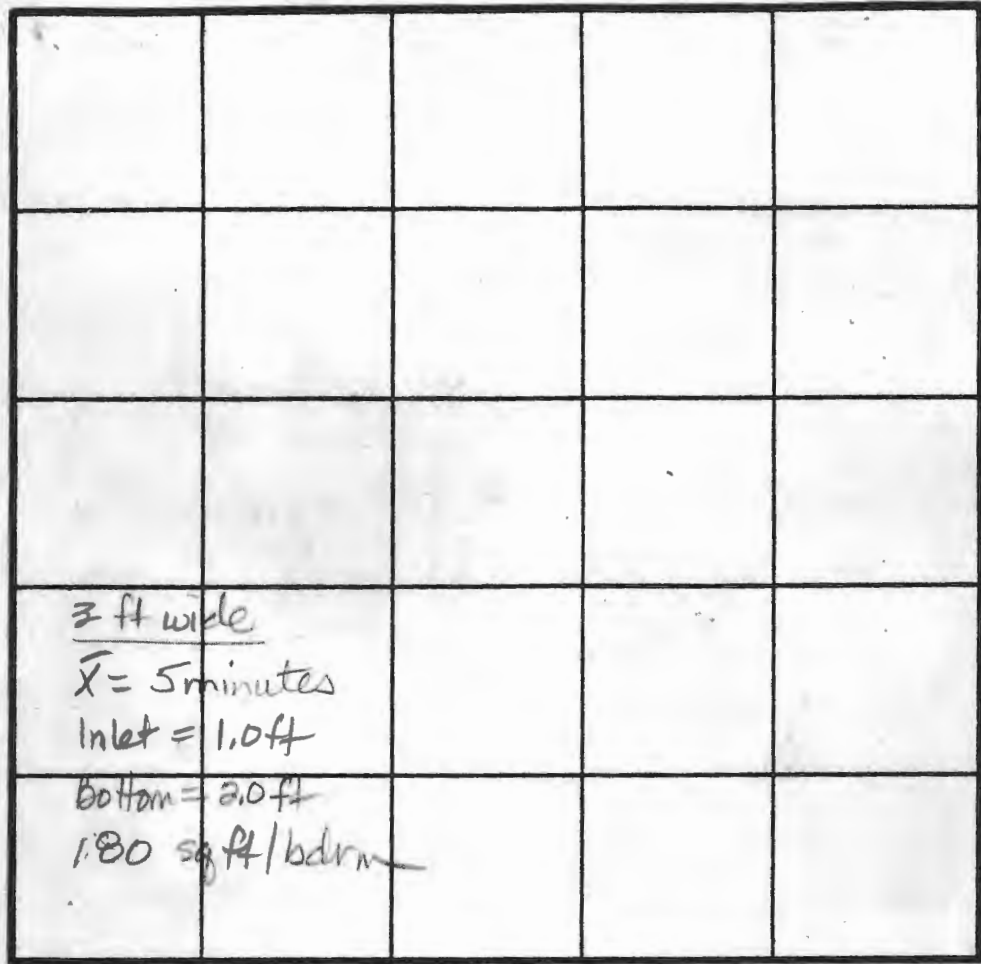
HD-216

# THIS IS NOT A PERMIT

A47953

⑤  
SOIL PROFILE

0-2.0 Br sil  
2.0-4.5 Red-br  
sil  
15% rock frags  
4.5-8.5 Gray br  
sil  
structured rock at  
5.0 ft,  
40%  
rock frags  
8.5 Bottom



⑧  
0-3.5 Red-br  
sil  
10%  
broken  
rock  
frags  
3.5-10.5 Red-br  
sil,  
some  
rock  
frags  
35%  
some  
structure  
at 6.0 ft  
10.5 Refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

⑥  
0-2.5 Br sil  
2.5-8.5 Br sil  
Large pieces  
of fractured  
rock, 3'x1'  
0.5' kyanitic  
schist, structured,  
90% rock  
8.5 Refusal

⑦  
0-2.5 Br sil  
some rock  
frags 20%  
2.5-11.5 Br sil  
some rock  
frags, 25%  
No structure  
apparent  
11.5 Refusal

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-27-92	⑤	8.5 V	structured at	5.0 ft			Fail
	⑥	8.5 V	structured at	2.5 ft			Fail
	7	3.5 S	2:53	3:13	No movement		slow
		11.5 D	Refusal at	11.5 ft	No structure		
		3.5 S	3:23	3:30	3:30	3:38	8 min ok
		3.0 S	3:01	3:16	No move ment		slow
		2.5 S	3:17	3:28	3:28	3:39	11 min
		10.5 D	Refusal at	10.5 ft, 6.0 ft	some structure		ok shallow

REMARKS Use 3, 4, 7 & 8 for partial repair, combine w/ previous per

TYPE OF SOIL \_\_\_\_\_

TESTED BY J. E. Nadeau ALSO PRESENT Olen K, Jr

Olen K, III

# APPLICATION

- Repair  
A 47953

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

P \_\_\_\_\_  
DISTRICT A  
DATE 3/30/92

1/2

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 Richard & Missy Kauls

ADDRESS 18131 New Cut Rd, Mt. Airy, Mo. PHONE 549-4634

~~PROSPECTIVE BUYER~~ Richard Miller

~~ADDRESS~~ 4370 Ann Ct, Mt. Airy PHONE 831-6169

PROPERTY LOCATION: New lot 15  
SUBDIVISION Kogan Trust Property, ~~XXXX~~ LOT NO. 15 (FORMERLY LOT 7)

ROAD AND DESCRIPTION INTERSECTION OF NEW CUT RD & FLORENCE RD

TAX MAP 6 PARCEL # 247

SIZE OF LOT 3.45 AC ± TYPE BLDG. EXISTING SINGLE-FAM.  
(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] FOR MISSY KAULS  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 3-27-92 Pending perc hole location and subdivision plat approval. Must combine area with previous area tested 11-6-91(A 27380). JEN

## THIS IS NOT A PERMIT

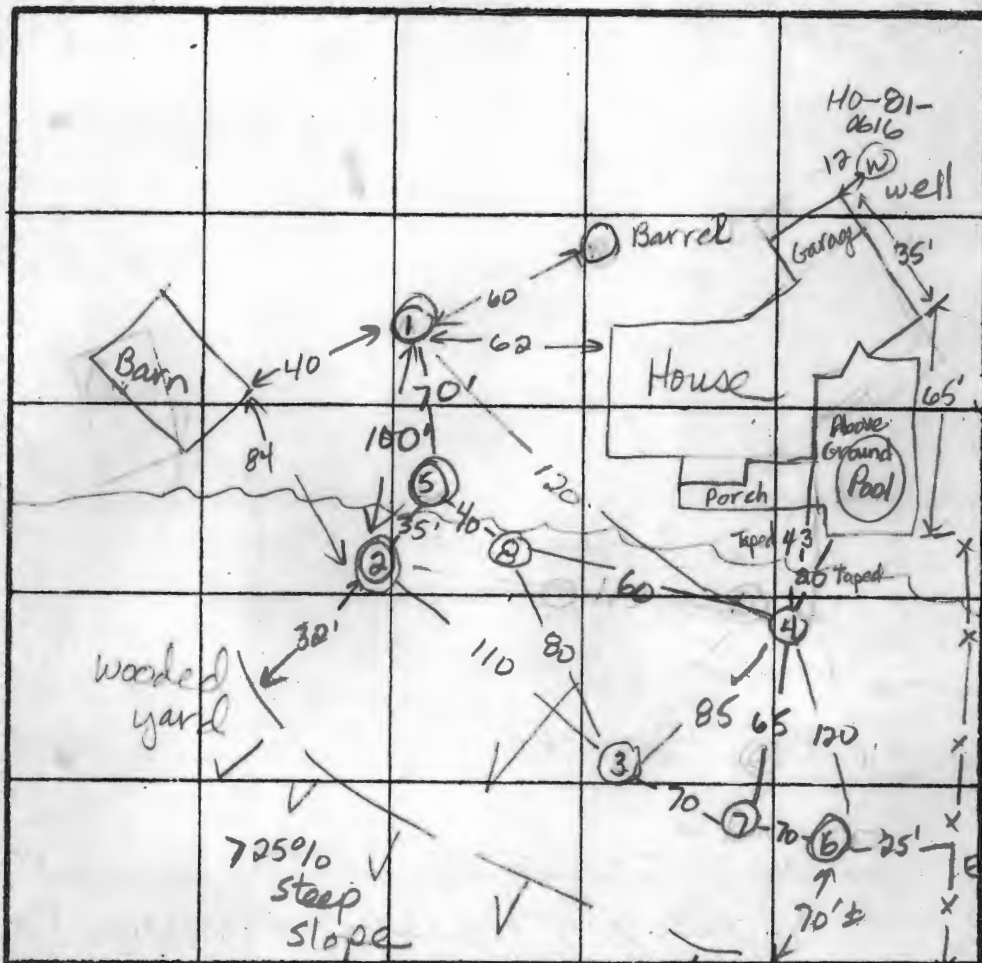
A47953



SOIL PROFILE

0-3.5 Br si c l roots  
 3.5-6.0 Red-br s si lm, large rock frags < 30%  
 6.0-11.0 Red-br si lm, structured rock at 6.0 ft. < 60%  
 11.0 Refusal

(2)



(3) (3)  
 0-1.5 Br si c loam roots  
 1.5-6.0 Red si loam some rock frags < 10%  
 6.0-9.5 Gray-red s si lm, some rock frags < 25% No visible structure  
 9.5 Refusal

Electric Fence

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0-2.0 Br si c loam  
 2.0-4.5 Br-gray mica si. c loam  
 4.5-10.5 Br mica s si lm, some broken rock frags, slight structure at 6.0 ft on one wall < 35% rock frags  
 10.5 Refusal

(4)

0-1.5 Br si c loam, roots  
 1.5-4.0 Red-br si loam some rock frags < 30%  
 4.0-11.0 Red si s loam some rock frags 6.0 ft slight structure, < 45%  
 11.0 Refusal

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3-27-92	x (1)	4.0 S	12:49:54	12:50:20	12:50:20	12:50:50	30 sec	Fast
		7.0 M	12:49:23	12:50:33	12:50:33	12:53:30	3 min	
		Retest 4.0 S	12:51:22	12:51:49	12:51:49	12:53:16	1 min 27 sec	
		11.0 D	Structured rx	at 6.0 ft	Refusal	Fail		
	(2)	4.0 S	1:03:37	1:16	1:16	1:34	Slow	
		10.5 D	slight structure at 6.0 ft	Refusal at 10.5 ft	1 1/4 in drop	6.0 ft	Fail	
	3	2.5 S	1:10:33	1:10:56	1:10:56	1:11:28	34 sec	Fast
		Retest 2.5 S	1:11:45	1:12:58	1:12:58	1:14:33	1 min 35 sec	
		9.5 D	Refusal at 9.5 ft				ok	
	4	2.5 S	1:52:38	1:52:50	1:52:50	1:53:08	18 sec	Fast
		Retest 2.5 S	1:53:30	1:53:43	1:53:43	1:54:10	27 sec	
		11.0 D	slight structure at 6.0 ft	Refusal at 11.0 ft				
		2.5 S	1:59:58	2:00:24	2:00:24	2:01:37	1 min 13 sec	
		Retest 2.5 S	2:02:25	2:03:06	2:03:06	2:04:42	1 min 36 sec	

opposite end of trench toward # 8

Marginal - shallow only

REMARKS

TYPE OF SOIL

TESTED BY

JE Nadreau

ALSO PRESENT

Olen K. Jr  
 Olen K. III

# APPLICATION

A 27380

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P O BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4th Election

DATE 12-21-77

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 ~~Leonard Kogan and Nancy Kogan~~ Craig + Janet Hammond

ADDRESS 8630 Fenton Street, Silver Spring, MD. 20910 23577 Howard Chapel Road 744-4066  
PHONE (301) 565-0222  
Brookeville, MD 20833

PROPERTY LOCATION:  
SUBDIVISION ~~Kogan~~ KOGAN TRUST LOT NO. LOT 7 12

ROAD AND DESCRIPTION The property is located southeast side of intersection of  
New Cut Road and Long Corner Road. 18131 New Cut Road

SIZE OF LOT 3 acres TYPE BLDG. Residential  
NUMBER OF BEDROOMS \_\_\_\_\_

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT [Signature]

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

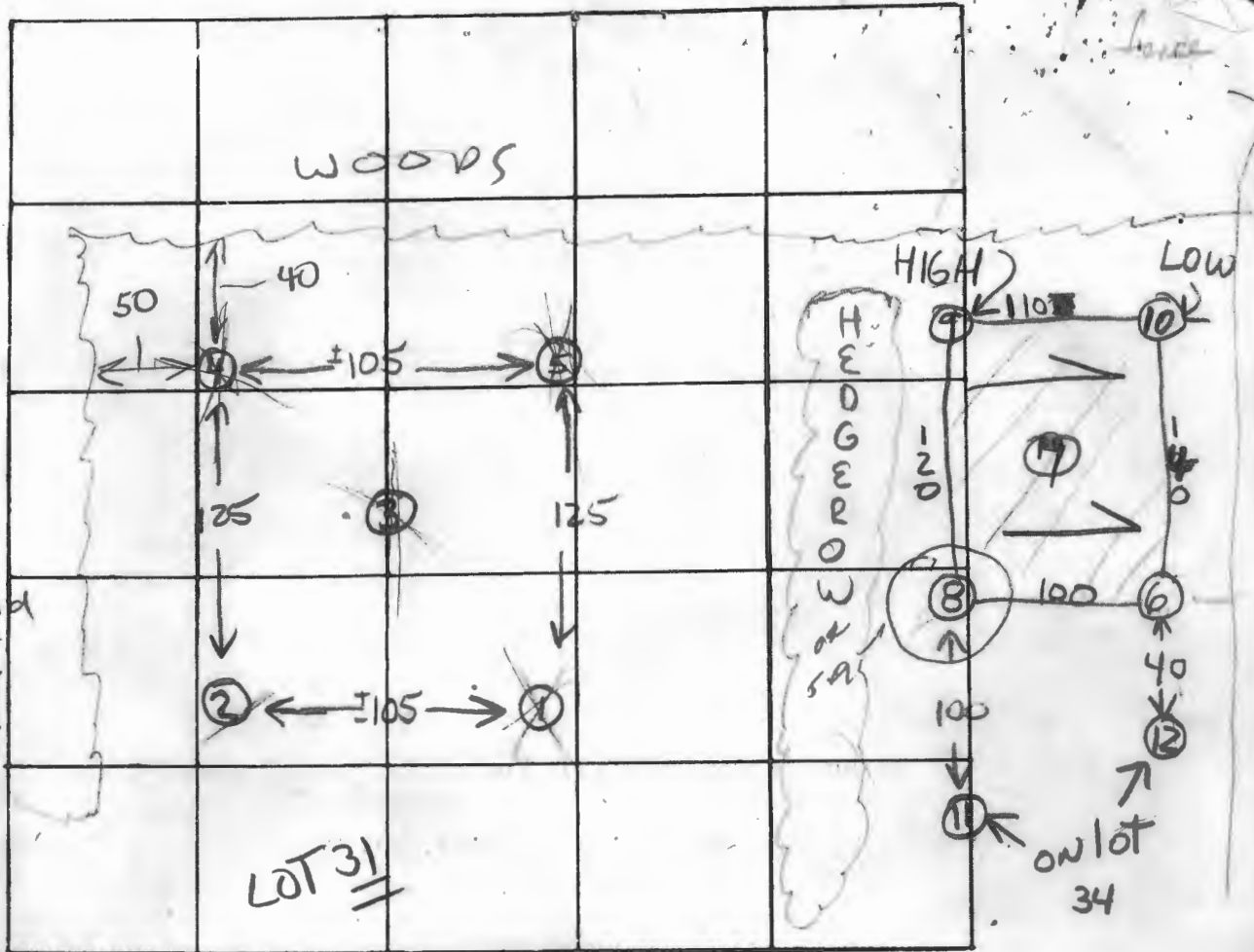
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED 1/13/78  
Serial # 600275FD

# THIS IS NOT A PERMIT

31



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

NEW CUT ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
13 June 79	15	4'	122	152	34"	125	(fails)
	10	9'	121	123	123	125	2
	25	4	128	153	153	130	(fails)
	20	9	126	127	127	130	3
	20 Refill				131	186	5
	35	4	140	155	1/4"		(fails)
	30	8 1/2	138	200	1/4"	139	30 sec
	45	4	145	200	1/4"		(fails)
	40	9	144	145	145		1 1/2
	55	4	NOT	TESTED			
14 June 79	50	8 1/2	150				2
	65	4	158	201	201	205	4
	60	8	158	201	201	206	5
	75	4	206	216	216	234	18
	70	9	206	214	214	220	6
	85	4 1/2	203	240	NODROP		(fails)
	80	9	211	216	216	226	10
	95	4	229	233	233	240	7
	90	9	233	236	236	240	4
	8m	5	242	250	250	306	16

fails

REMARKS open field - near front perc (6)(7)(9)(10) is for lot 31 but may be on lot 34

TYPE OF SOIL shaly clay loam

TESTED BY (GLK) ALSO PRESENT: Sick

1st 15  
2nd 5  
10S 4' 8  
10D 9' 2

(GLK) + SS

# APPLICATION

PERCOLATION TESTING

A 27380  
P 34317  
04  
DATE 8-22-91

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

PERMITS OK,  
SEE NOTES ON TEST PLAT  
RE: PLATTED SEPTIC AREA  
IN UNUSUAL CONFIGURATION.  
C.W.

DISTRICT

DATE

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

THIS APPLICATION FOR TEST RESULTS  
FOR RESERVE PARCEL - SYSTEM ON SITE  
BUT PLATTED RESERVE AREA  
WILL BE CUT OFF IF THIS  
SUBDIVISION IS SUCCESSFUL.  
C.W.

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER RICHARD H. KOEB, JR.

ADDRESS 18131 NEW CUT RD. MT. AIRY PHONE 829-9187

PROSPECTIVE BUYER RICHARD MILBY

ADDRESS 4398 ADAM COURT MT. AIRY PHONE 831-6169

PROPERTY LOCATION:

SUBDIVISION KOGAN TRUST SUBDIVISION LOT NO. 17A  
<sup>15</sup>  
8 on perc plan

ROAD AND DESCRIPTION NEW CUT ROAD - PAVED, ONTO LONG GRAVEL  
DRIVEWAY

TAX MAP 12 PARCEL # 247

SIZE OF LOT 3 ACRES TYPE BLDG EXISTING 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.

Richard H. Koeb, Jr.  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

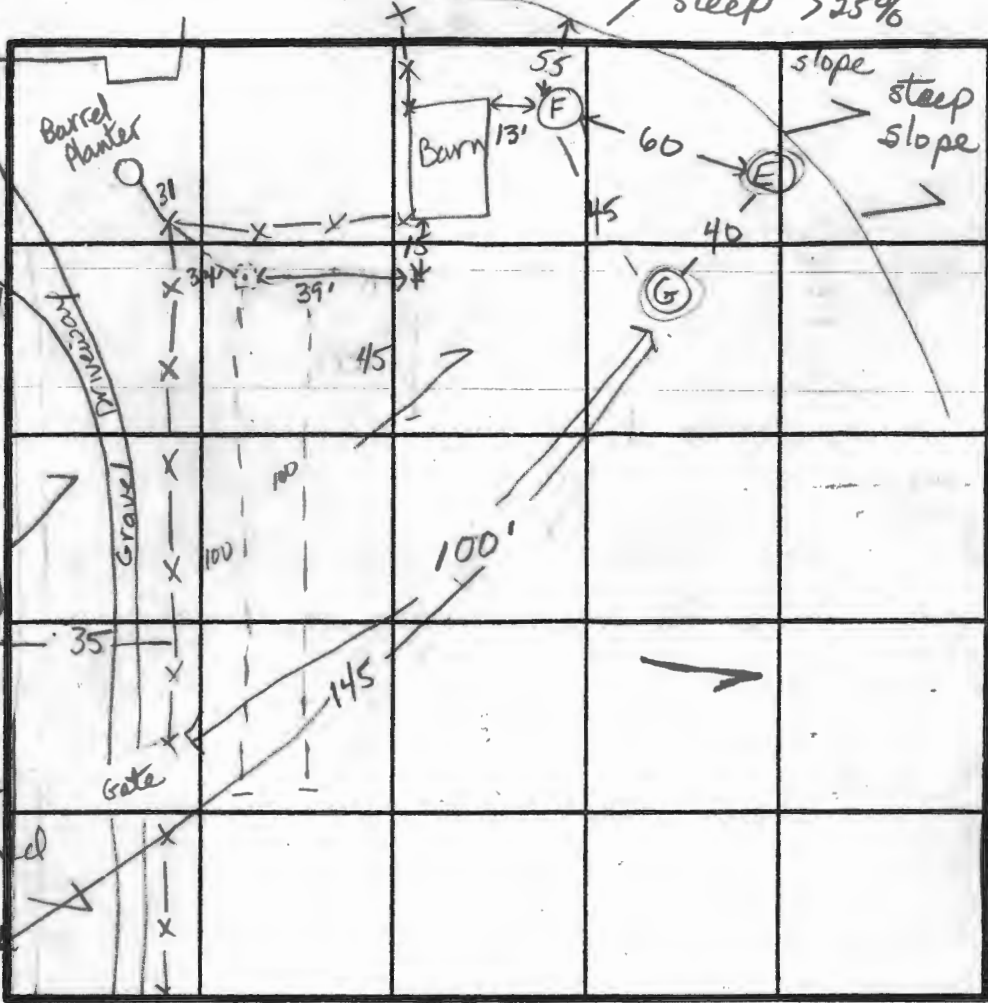
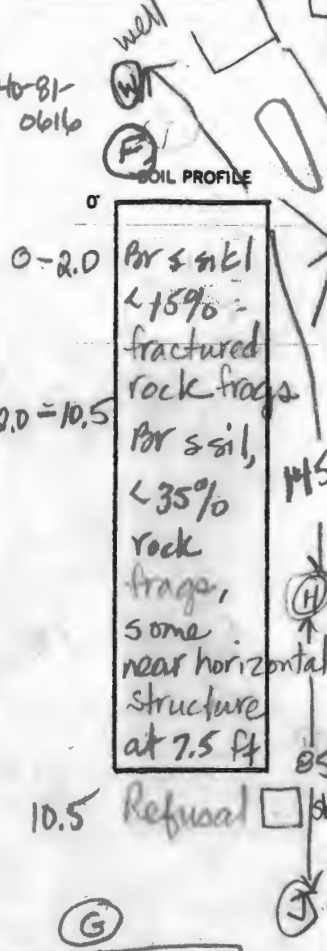
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 11-6-91 pending perc hole locations. Uncertain if 10,000 sq ft exists. JEN

HD-216

# THIS IS NOT A PERMIT

A-27380



(H)  
 0-4.0 Br s sil  
 c1  
 4.0-11.0 Br s sil  
 1, some broken rock frags  
 < 50% vertical pedded structure at 6.0 ft  
 11.0 Bottom

(J)  
 0-4.0 Br s sil  
 4.0-10.5 Br s sil  
 c1, some broken rock frags  
 < 30% slight structure at 7.0 ft  
 10.5 Bottom

(G)  
 0-5.0 Red br s sil c1  
 < 20% rock frags  
 5.0-11.0 Brown s sil  
 < 60% rock frags w/ struct. at 7.5 ft  
 11.0 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
 New Cut Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-5-91	F	4.0 S 10.5 D	12:27:28	1:13:39	1:39	2:03	24 min Marg
	(G)	11.0 V	clay to 5.0 ft	structure at 7.5 ft			Marginal No
	(H)	3.5 S 11.0 D	2:35	3:20	7 inch		slow Fail
	J	3.5 S 10.5 D	3:02:10	3:04:40	3:04:40	3:10:50	Comm OK
	(E)	8.0 V	Refusal at 8.0 ft	No struct.			Fail
			clay to 5.5 ft	5.5-8.0 s sil < 20% frag			

3 ft wide  
 $\bar{x} = 20^+$  min  
 inlet 1.5 ft  
 Bot 3.5 ft  
 200 sq ft/bd m

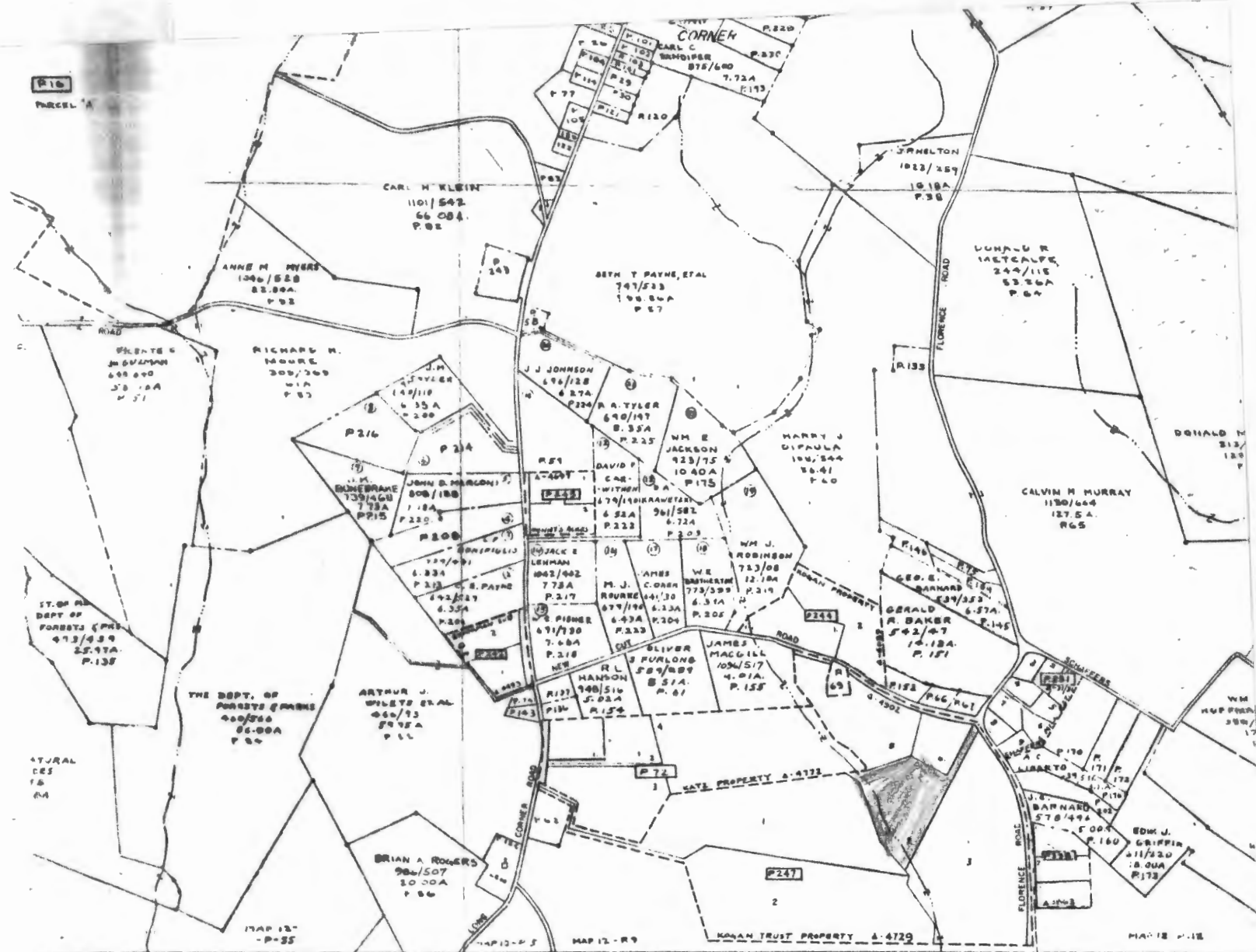
RECEIVED  
 HOWARD COUNTY  
 HEALTH DEPT.  
 91 AUG 26 PM 4:26

REMARKS Use holes F, G & J. May combine with upper area of new lot.  
 May have close to 10,000 sq ft of SDA

TESTED BY Jane E. Nadeau

ALSO PRESENT Missy Kolb  
 Glen Ketterman

P 10  
PARCEL 10



DEPT. OF ASSESSMENTS & TAXATION  
PROPERTY MAP DIVISION  
THE INFORMATION SHOWN HEREON HAS BEEN COMPILED FROM OLD RECORDS AND IS NOT AN ACTUAL SURVEY. IT SHOULD NOT BE USED FOR LEGAL DESCRIPTIONS UNLESS THE OLD RECORDS ARE REFERRED TO. DEPARTMENT OF ASSESSMENTS & TAXATION, 301 W. PULASKI ST., BALTO. 1, MD.

PROPERTY LINE  
SUB-DIVISION BOUNDARY - Z I E - Z  
CONTINUING OWNERSHIP - Z I E - Z  
PARCEL NUMBER - P 349 (ASSIGNED TO IDENTIFY AND INDEX OWNERSHIP. MUST BE PRECEDED BY MAP NUMBER)  
SCALE: 1" = 600'



752

755

REVISED 10 DATE MAR. 1, '83 LIBER 1145

BY R.B.W. LAST P. NO. 220-222 220-222 QUADRANGLE A.D. 4

761 601

(12)

758



T.F. #9 (rev. 3/22/91)

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
Division of Community Planning and Land Development

DATE: 6-16-92

P&Z File No. F 92-162

Department of Planning and Zoning

- Community Planning and Land Development
- Comprehensive and Transportation Planning
- Zoning Administration and Enforcement
- Data Management
- Address Coordinator
- Agricultural and Historic Preservation
- File

Agencies

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Bureau of Engineering, DPW                      | <input checked="" type="checkbox"/> Soil Conservation District      |
| <input checked="" type="checkbox"/> Department of Inspections, Licenses and Permits | <input checked="" type="checkbox"/> County Assessment               |
| <input checked="" type="checkbox"/> Department of Fire and Rescue Services          | <input checked="" type="checkbox"/> C & P                           |
| <input checked="" type="checkbox"/> State Highway Administration                    | <input checked="" type="checkbox"/> B G & E                         |
| <input checked="" type="checkbox"/> Finance   | <input checked="" type="checkbox"/> Department of Natural Resources |
| <input checked="" type="checkbox"/> Bureau of Environmental Health                  | <input checked="" type="checkbox"/> Cable TV                        |
| <input checked="" type="checkbox"/> Public School System                            | <input checked="" type="checkbox"/> Police                          |
| <input checked="" type="checkbox"/> Recreation and Parks                            |   |

RE: Kogard - Trust Prop., lots 14 + 15

FOR SRC MEETING OF: \_\_\_\_\_ (Date) \_\_\_\_\_ (Time) \_\_\_\_\_ (Place)

ENCLOSED FOR YOUR: \_\_\_\_\_ Signature Approval  Review and Comments \_\_\_\_\_ Files

THE ENCLOSED: \_\_\_\_\_ Original

	<u>No. of Sheets</u>		<u>No. of Sheets</u>
<input type="checkbox"/> Sketch Plan	_____	<input type="checkbox"/> Final Construction Plans	_____
<input type="checkbox"/> Preliminary Plan	_____	<input type="checkbox"/> Final Storm Drainage Computations	_____
<input type="checkbox"/> Preliminary Road Profile	_____	<input type="checkbox"/> Soils Map	_____
<input type="checkbox"/> Preliminary Drainage and/or Computations	_____	<input type="checkbox"/> Traffic Study	_____
<input type="checkbox"/> Final Development Plan	_____	<input type="checkbox"/> Stormwater Management	_____
<input checked="" type="checkbox"/> Final Plat	_____	<input type="checkbox"/> Site Development Plan	_____
<input checked="" type="checkbox"/> Checklist - OPW	_____	<input type="checkbox"/> Waiver Petition	_____

WAS:  Received \_\_\_\_\_ Tentatively Approved \_\_\_\_\_ Recorded

\_\_\_\_\_ Received and Revised \_\_\_\_\_ Approved On 6-16-92

COMMENTS: \_\_\_\_\_ DUE BY: 7-09-92

\_\_\_\_\_ Check, initial and return to the Department of Planning and Zoning if plan is approved with no comments.

*The Health Dept. can not sign this plat until the well is drilled on lot #14.*

*F. Fromwell*

Kozl  
18131 New Cut Rd.  
Mt. Airy, MD  
21771



HOWARD COUNTY HEALTH DEPT.  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. Box 476  
ELLIOTT CITY, MD.  
21043

JAN. 22, 1991

MR. CRAIG WILLIAMS  
DEPT. OF HEALTH & HUMAN SERVICES

RE: RESUBDIVISION OF LOT 12, KOSAKU TRUST PROPERTIES  
RELOCATION OF PERC. HOLE.

DEAR MR. WILLIAMS,

I AM WRITING TO REQUEST THAT YOUR DEPARTMENT ALLOW US TO RELOCATE THE LOWEST PERC. HOLE SHOWN ON THE ATTACHED DRAWING. RICHARD AND JOYCE WILLEY, THE BUYERS OF THE NEW LOT, HAVE PLANNED SINCE THE BEGINNING OF THIS SUBDIVISION PROCESS TO BUILD IN THE SAME AREA AS THIS LOW ~~HOLE~~ AND INSTALL AN UPHILL SEPTIC PUMP SYSTEM. THERE IS REALLY NO OTHER AREA ON THIS LOT, DUE TO STEEP SLOPE, WETLANDS, AND THE POSITION OF THE SEPTIC FIELDS TO ATTEMPT TO BUILD OTHER THAN THEIR CHOICE SITE.

AS YOU MAY REMEMBER, OUR LOT CURRENTLY USES A PERC. AREA CONTRARY TO THE AREA YOUR PLATS SHOW. THE RECORDED PERC AREA WILL BE ON THE PROPOSED LOT. SINCE AMPLE SPACE ( $\approx 25,000$  SQ. FT.) WAS DETERMINED ON THAT LOT BY YOUR PERC TESTS, AND SINCE THE PROPOSED RELOCATION OF THE BOTTOM HOLE FALLS WITHIN THE PREVIOUSLY RECORDED PERC AREA, I SINCERELY HOPE YOU WILL APPROVE THIS PLAN IN LIGHT OF ALL THESE FAVORABLE CIRCUMSTANCES. THANK YOU FOR YOUR CONSIDERATION IN THIS MATTER!

SINCERELY,  
ALISSA LOUIS



---

## HOWARD COUNTY HEALTH DEPARTMENT

---

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

November 8, 1991

*Reply to:*

Mr. Richard H. Kolb, Jr.  
18131 New Cut Road  
Mt. Airy, Maryland 21771

RE: Percolation Test Results Application  
Numbers: A47571/A27380  
Proposed Use: Subdivision  
Property ID: Kogan Trust - Lot 7<sup>12</sup>  
New Cut Road

Dear Mr. Kolb:

Percolation testing conducted November 6, 1991 on the above referenced property indicated limited satisfactory soil conditions.

The better soils were observed in the vicinity of the currently platted sewage disposal easement which you are proposing to dedicate to the parcel-to-be-separated. The greater concern is establishing a suitable sewage easement to serve the residue. Out buildings and rocky soils in the vicinity of the installed septic system significantly restrict design options. Copies of the 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.

Any barns, existing structures and driveways (including any proposed driveway relocation) should be included on the plan if they are in a vicinity which could effect the proposed sewage disposal easements.

Mr. Richard Kolb, Jr.

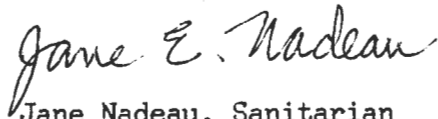
-2-

November 8, 1991

This 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 contact me at the above address or by calling 461-9933.

Very truly yours,

A handwritten signature in cursive script that reads "Jane E. Nadeau".

Jane Nadeau, Sanitarian  
Water and Sewerage Program

JN:jr

Enclosures

cc: Richard Miley  
File

Howard County Health Department

To: JANE R.

PLEASE MATCH TO  
APPROPRIATE LOT FILE  
AND GIVE TO JANE N.  
(RECENT PERC TO SUBD.,  
EXISTING LOT W/HOUSE)

JANE N. TO REVIEW  
THEN DISCUSS W/ SUPERVISOR.

From: THANKS  
Gay

Date: 2/9/92

HD-170

**COORDINATES**

NO.	NORTH	EAST	DESCRIPTION
5	541386.318	757974.588	IRON PIPE FOUND
12	541769.226	759040.036	IRON PIN FOUND
43	541358.803	759757.682	IRON PIN FOUND
16	540621.553	758409.756	IRON PIPE FOUND
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123	541320.624	758061.667	IRON BARICAP TO BE SET
124	540820.964	758233.098	IRON BARICAP TO BE SET

**WETLANDS DATA**

FROM	TO	BEARING	DIST.
144	50	N 36°44'31" W	31.75'
50	74	N 51°52'19" W	119.92'
74	73	N 52°33'32" W	36.40'
73	71	N 67°22'56" W	49.47'
71	70	N 65°10'24" W	16.82'
70	69	N 32°10'36" W	58.03'
69	68	N 19°20'55" E	15.39'
68	67	N 03°17'44" E	25.10'
67	66	N 38°09'10" W	29.35'
66	65	N 81°49'43" W	16.58'
65	64	S 84°17'35" W	40.38'
64	60	N 34°36'29" W	51.95'
60	25	N 44°06'32" E	81.52'
65	84	N 12°20'16" E	24.02'
84	82	N 14°46'34" W	15.36'
82	81	N 20°00'23" W	26.02'
81	77	N 23°10'48" W	114.06'
77	111	N 37°09'56" W	26.95'
111	145	N 73°28'28" W	27.60'

**WETLANDS COORDINATES**

NO.	NORTH	EAST
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68	541011.132	758283.048
69	540996.611	758277.946
70	540947.494	758308.828
71	540940.432	758324.113
73	540921.406	758369.781
74	540909.278	758398.878
77	541374.644	758171.432
81	541269.012	758216.992
82	541245.464	758225.433
84	541182.367	758242.136
85	541158.000	758237.003
90	541100.368	758180.244
111	541396.120	758155.141
144	540202.262	758508.861
145	541403.970	758128.683

**TABULATION OF FINAL PLAT**

TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED:	2
BUILDABLE	2
OPEN SPACE	0
TOTAL AREA OF LOTS AND/OR PARCELS BUILDABLE	9.1498 AC.±
OPEN SPACE	0
AREA AND % OF DRY GROUND USABLE OPEN SPACE	0
TOTAL AREA OF ROAD RIGHT-OF-WAY TO BE RECORDED INCLUDING WIDENING STRIPS:	0
TOTAL AREA OF SUBDIVISION TO BE RECORDED:	9.1498 AC.±

APPROVED: FOR PRIVATE WATER & PRIVATE SEWER SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

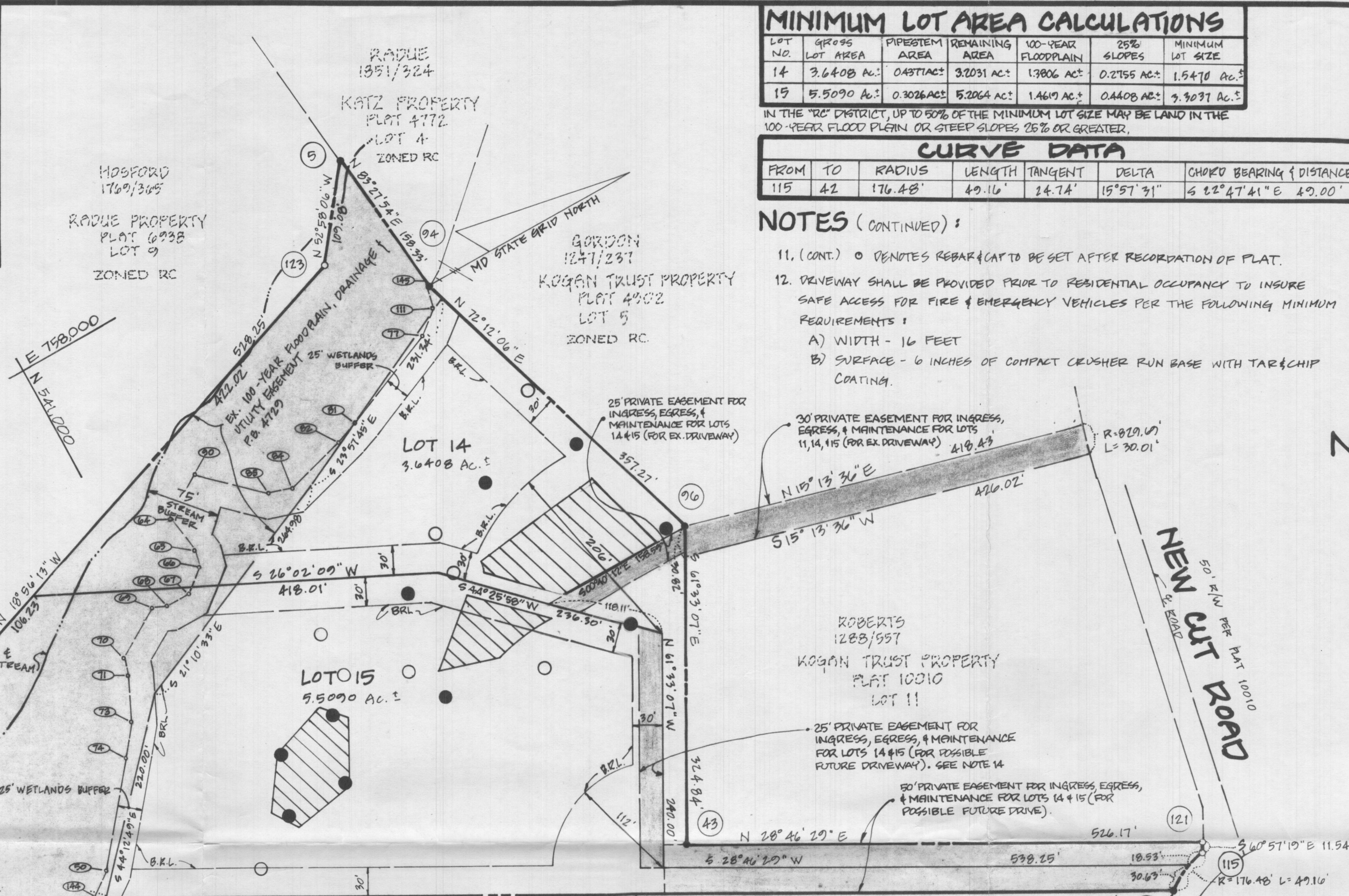
*Joselyn Baltes* 2-19-93  
COUNTY HEALTH OFFICER JN DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING.

DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC WORKS, HOWARD COUNTY DEPT. OF PUBLIC WORKS.

DIRECTOR DATE



**NOTES (CONTINUED):**

- 12. (CONT.) C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45 FOOT TURNING RADIUS.
- D) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING).
- E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
- F) STRUCTURE CLEARANCE - MIN. 12 FEET.
- G) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- 13. DECLARATION OF MAINTENANCE OBLIGATION FOR USE-IN-COMMON DRIVEWAY SERVING LOTS 11, 14 & 15 IS RECORDED IN LIBER 2773, FOLIO 082.
- 14. THE PURPOSE OF THE 25' PRIVATE ESMT FOR INGRESS, EGRESS, & MAINTENANCE ACROSS LOT 15 IS TO PROVIDE ACCESS TO A PUBLIC ROAD SHOULD THE 30-FT. PRIVATE EASEMENT FOR INGRESS, EGRESS, & MAINTENANCE ACROSS LOT 11 BE ABANDONED. THE LOCATION OF THIS EASEMENT WITHIN LOT 15 IS DUE TO AN EXISTING WELL WITHIN LOT 14'S PIPESTEM.
- B. THE EXISTING BARN & HORSE STALL MUST BE A MINIMUM OF 200' FROM ANY DWELLING PER SECTION 104.1.E.8.A OF THE ZONING REGULATIONS

**MINIMUM LOT AREA CALCULATIONS**

LOT NO.	GROSS LOT AREA	PIPESTEM AREA	REMAINING AREA	100-YEAR FLOODPLAIN	25% SLOPES	MINIMUM LOT SIZE
14	3.6408 AC.	0.8372 AC.	3.2031 AC.	1.9806 AC.	0.2755 AC.	1.5470 AC.
15	5.5090 AC.	0.3026 AC.	5.2064 AC.	1.4619 AC.	0.4408 AC.	3.9037 AC.

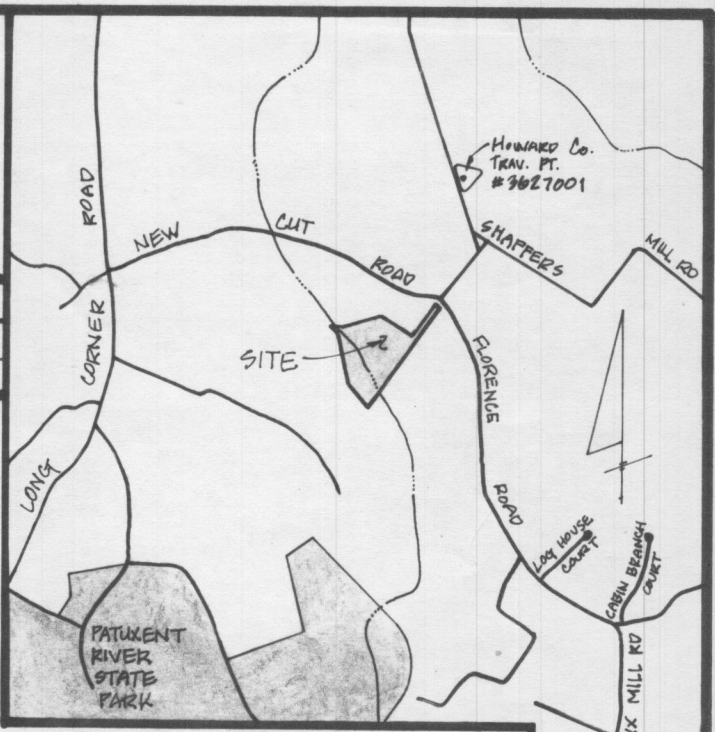
IN THE 'RC' DISTRICT, UP TO 50% OF THE MINIMUM LOT SIZE MAY BE LAND IN THE 100-YEAR FLOOD PLAIN OR STEEP SLOPES 25% OR GREATER.

**CURVE DATA**

FROM	TO	RADIUS	LENGTH	TANGENT	DELTA	CHORD BEARING & DISTANCE
115	42	176.48'	49.16'	24.74'	15°57'31"	S 22°47'41" E 49.00'

**NOTES (CONTINUED):**

- 11. (CONT.) O DENOTES REBAR/CAP TO BE SET AFTER RECORDATION OF PLAT.
- 12. DRIVEWAY SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE & EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
  - A) WIDTH - 16 FEET
  - B) SURFACE - 6 INCHES OF COMPACT CRUSHER RUN BASE WITH TAR & CHIP COATING.



**VICINITY MAP**  
SCALE: 1" = 2000'

**NOTES:**

- 1. COORDINATES BASED ON NAD 27, MARYLAND STATE PLAN GRID AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 3627001 AND NO. 3527001.
- 2. SUBJECT PROPERTY ZONED 'RC' PER 9/10/92 COMPREHENSIVE ZONING PLAN.
- 3. B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
- 4. THERE IS AN EXISTING DWELLING, HORSESTALL, AND BARN ON LOT NO. 15. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING BUILDINGS ARE TO BE CONSTRUCTED AT A DISTANCE OF LESS THAN THE ZONING REGULATIONS ALLOW.
- 5. THIS AREA DESIGNATES A PRIVATE SEWAGE ESMT OF 10,000 GPD 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. 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.
- 6. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPT. OF THE ENVIRONMENT.
- 7. FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE IS TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE ROAD R/W AND NOT INTO THE FLAG OR PIPE STEM LOT DRIVEWAY.
- 8. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN WETLAND OR STREAM BUFFERS.
- 9. O DENOTES SUCCESSFUL PERC TEST.
- 10. O DENOTES FAILED PERC TEST.
- 11. THIS PLAT IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED ON FEBRUARY 4, 1992, BY SHANBERGER & LANE.
- 12. O DENOTES PROPERTY OWNER FOUND. O DENOTES PROPERTY OWNER TO BE SET.

PURPOSE OF RESUBDIVISION: TO SUBDIVIDE LOT 12 INTO 1 ADDITIONAL BUILDING LOT.

RECORDED AS PLAT ON AMONG THE LAND RECORDS OF HOWARD COUNTY, MD

SHANBERGER & LANE  
8726 TOWN & COUNTRY BLVD.  
SUITES 106 & 107  
ELLICOTT CITY, MD 21043  
(410) 461-9563

**FINAL PLAT**  
**KOGAN TRUST PROPERTY**

LOTS 14 & 15  
A RESUBDIVISION OF LOT 12, PLAT 10010  
TAX MAP 6  
PART OF PARCEL 247  
ZONED 'R'  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 100'  
V.P. 80-80, F-81-17, V.R. 81-71, F-80-73, F-8083  
DATE: FEB 25, 1992  
SHEET 1 OF 1

**OWNER'S CERTIFICATE**

I, RICHARD H. KOLB, JR., OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MD, ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINAGE, WATER PIPES, AND OTHER MUNICIPAL UTILITIES IN AND UNDER ALL ROAD AND STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE, WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY, MD TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE, WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER SAID EASEMENTS AND RIGHT-OF-WAYS, WITNESS OUR HAND, THIS 10th DAY OF JUNE, 1992.

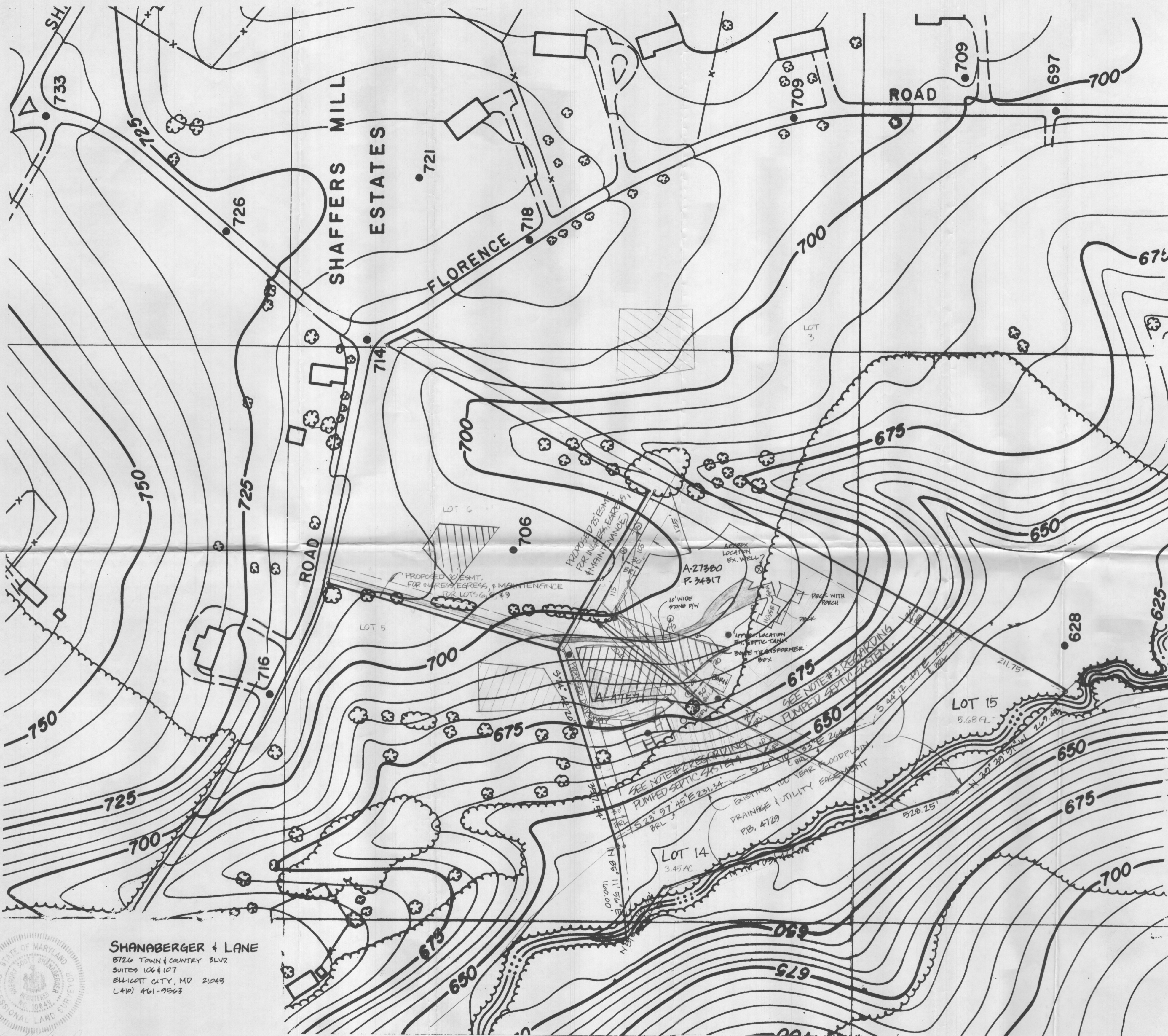
*Richard H. Kolb, Jr.* 6/10/92  
RICHARD H. KOLB, JR. DATE  
*[Witness Signature]* 6/10/92  
WITNESS DATE

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A RESUBDIVISION OF LOT 12 AS SHOWN ON A PLAT OF A SUBDIVISION ENTITLED "KOGAN TRUST PROPERTY, LOTS 8 THRU 13", RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, IN PLAT BOOK 10010, SAID PARCEL ALSO BEING ALL OF THE LAND CONVEYED BY ROBERT G. HAMMOND AND JANET M. HAMMOND UNTO RICHARD H. KOLB, JR. BY DEED DATED NOVEMBER 22, 1989, AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MD, IN LIBER 2148, FOLIO 49, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODES OF MARYLAND AS AMENDED.

*Scott Shanaberger* 6/15/92  
SCOTT SHANBERGER  
PROFESSIONAL LAND SURVEYOR #10049 DATE





- NOTES:**
1. WELL FOR LOT 14 MUST BE DRILLED PRIOR TO FINAL PLAT APPROVAL.
  2. INSTALLATION OF SEPTIC SYSTEM ON LOT 14 WILL REQUIRE SEWAGE TO BE PUMPED FROM THE SEPTIC TANK TO THE DISTRIBUTION BOX.
  3. INSTALLATION OF FUTURE SEPTIC SYSTEMS ON LOT 15 WILL REQUIRE SEWAGE TO BE PUMPED FROM THE SEPTIC TANK TO THE NEW DISTRIBUTION BOX.
  4. ALL WELLS & SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY ARE SHOWN HEREON.
  5. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 GPD AS REQUIRED BY THE MD STATE DEPT. 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. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
  6. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF THE ENVIRONMENT.
  7. B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
  8. SUBJECT PROPERTY ZONED 'R' AS PER 8-2-85 COMPREHENSIVE ZONING PLAN.
  9. DESIGNATES PROPOSED HOUSE LOCATION.
  10. DESIGNATES PROPOSED WELL LOCATION.
  11. DESIGNATES UNSUCCESSFUL PERC HOLE.
  12. DESIGNATES SUCCESSFUL PERC HOLE.
  13. DESIGNATES APPROVED PERC AREA PER PLAT # 4002.

**APPROVED:**  
 FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS - HOWARD COUNTY HEALTH DEPARTMENT.  
*John M. Bogdus* 1-30-92  
 COUNTY HEALTH OFFICER DATE

FIELD LOCATED PERC TEST PLAT  
**KOGANS TRUST PROPERTY**  
 LOTS 14 & 15 (A RESUBDIVISION OF LOT 12)  
 4TH ELECTION DISTRICT  
 HOWARD COUNTY, MD  
 SCALE: 1"=100'  
 DATE: 1-22-92  
 TAX MAP: G, PARCEL: 241  
 REV. 1/23/92  
 REV. 1/28/92

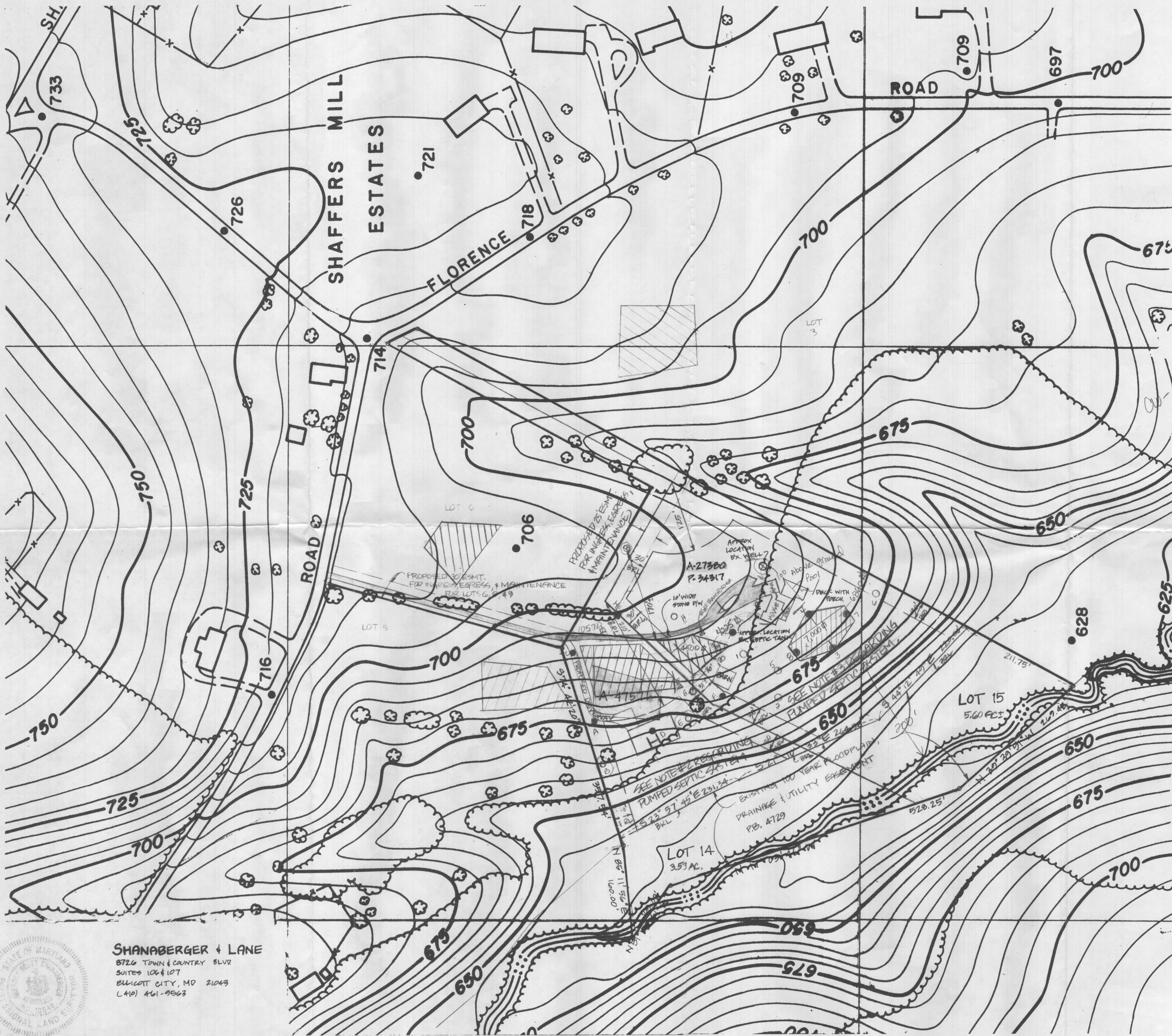
**SHANABERGER & LANE**  
 8726 TOWN & COUNTRY BLVD  
 SUITES 106 & 107  
 BELLGOTT CITY, MD 21043  
 (410) 461-9563

*Shanabergers*

Proposal # 2

Proposal # 2

92-12



**NOTES:**

1. WELL FOR LOT 14 MUST BE DRILLED PRIOR TO FINAL PLAT APPROVAL.
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5. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT (MINIMUM 10,000 \$ ± FOR EACH LOT) AS REQUIRED BY THE MD STATE DEPT. 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. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
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**APPROVED:**  
 FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.  
 COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

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 REV. 1/23/92  
 REV. 1/28/92  
 REV. 4/3/92

**SHANABERGER & LANE**  
 8726 TOWN & COUNTRY BLVD  
 SUITES 106 & 107  
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*Cordell Shanabarger*  
 1/27/92

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APPROVED: FOR PRIVATE WATER & PRIVATE SEWER SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

*Jesse W. Beal* 2-19-93  
COUNTY HEALTH OFFICER JN DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING.

DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS. HOWARD COUNTY DEPT. OF PUBLIC WORKS.

DIRECTOR DATE

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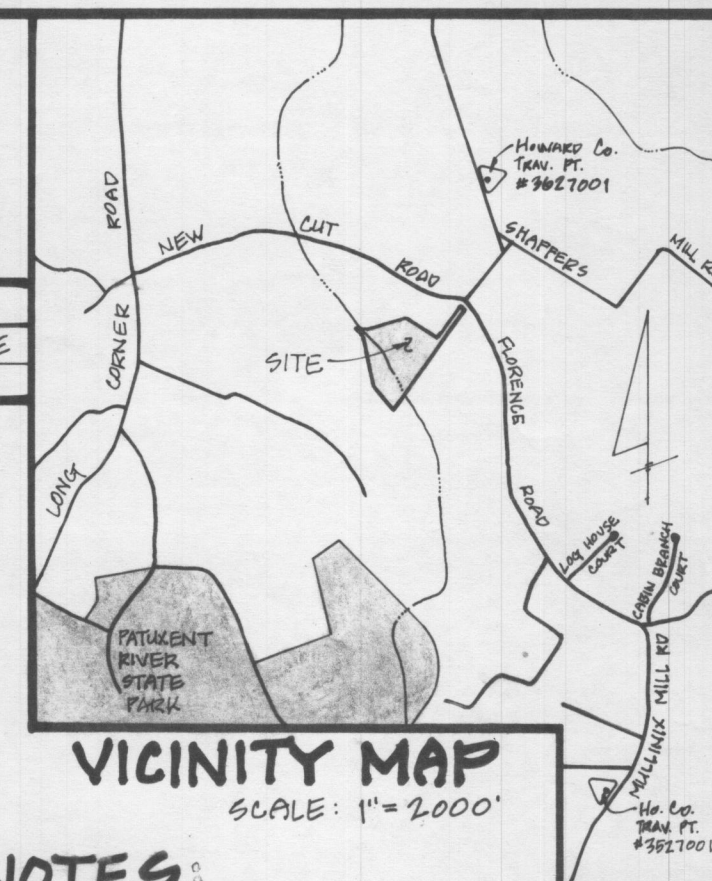
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**NOTES:**

- COORDINATES BASED ON NAD 27, MARYLAND STATE PLAN GRID AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 3627001 AND NO. 3527001.
- SUBJECT PROPERTY ZONED 'RC' PER 9/10/02 COMPREHENSIVE ZONING PLAN.
- B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
- THERE IS AN EXISTING DWELLING, HUSBAND, AND BARN ON LOT NO. 15. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING BUILDINGS ARE TO BE CONSTRUCTED AT A DISTANCE OF LESS THAN THE ZONING REGULATIONS ALLOW.
- THIS AREA DESIGNATES A PRIVATE SEWAGE ESMT. OF 10,000 GPD 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. 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.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPT. OF THE ENVIRONMENT.
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE IS TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE ROAD R/W AND NOT INTO THE FLAG OR PIPE STEM LOT DRIVEWAY.
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN WETLAND OR STREAM BUFFERS.
- DESIGNATES SUCCESSFUL PERC TEST.
- DESIGNATES FAILED PERC TEST.
- THIS PLAT IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED ON FEBRUARY 4, 1992, BY SHANABERGER & LANE.
- DENOTES PROPERTY CORNER FOUND.
- DENOTES PROPERTY CORNER TO BE SET.

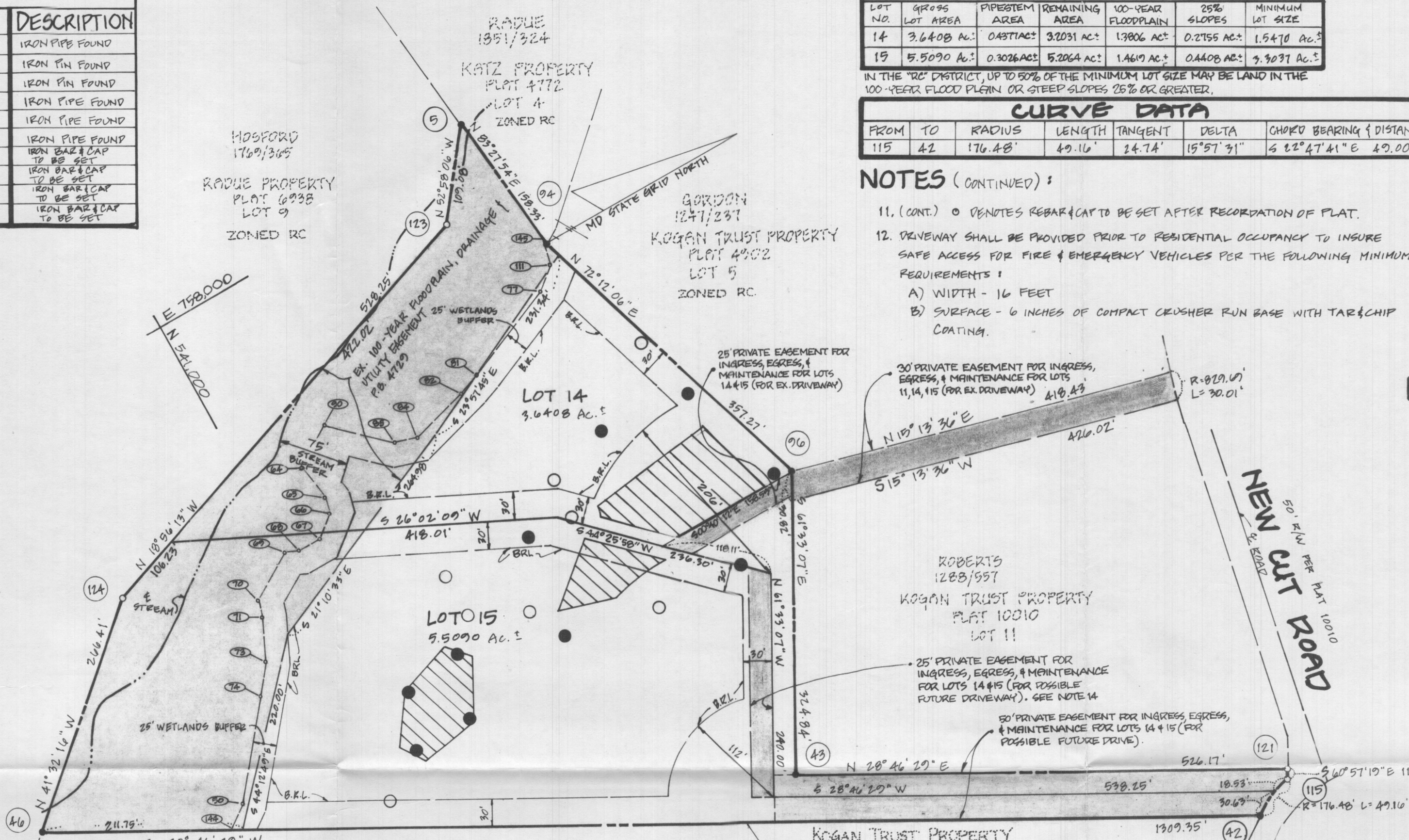
PURPOSE OF RESUBDIVISION: TO SUBDIVIDE LOT 12 INTO 1 ADDITIONAL BUILDING LOT.

RECORDED AS PLAT ON AMONG THE LAND RECORDS OF HOWARD COUNTY, MD

SHANABERGER & LANE  
8726 TOWN & COUNTRY BLVD.  
SUITE 106 & 107  
ELLICOTT CITY, MD 21043  
(410) 461-9563

**FINAL PLAT**  
**KOGAN TRUST PROPERTY**

LOTS 14 & 15  
A RESUBDIVISION OF LOT 12, PLAT 10010  
TAX MAP 6  
PART OF PARCEL 247  
ZONED 'R'  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1"=100'  
V.P. 80-80, F-81-17, V.P. 81-17, F-80-73, F-8088  
DATE: FEB 25, 1992  
SHEET 1 OF 1



**NOTES (CONTINUED):**

- (CONT.) C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45 FOOT TURNING RADIUS.
- STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H 25 LOADING).
- DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT FORTH OVER DRIVEWAY SURFACE.
- STRUCTURE CLEARANCE - MIN. 12 FEET.
- MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- DECLARATION OF MAINTENANCE OBLIGATION FOR USE-IN-COMMON DRIVEWAY SERVING LOTS 11, 14 & 15 IS RECORDED IN LIBER 2773, FOLIO 082.

14 THE PURPOSE OF THE '25' PRIVATE ESMT. FOR INGRESS, EGRESS & MAINTENANCE ACCESS LOT 15 IS TO PROVIDE ACCESS TO A PUBLIC ROAD SHOULD THE '30' PRIVATE EASEMENT FOR INGRESS, EGRESS & MAINTENANCE ACCESS LOT 11 BE ABANDONED. THE LOCATION OF THIS EASEMENT WITHIN LOT 15 IS DUE TO AN EXISTING WELL WITHIN LOT 14'S PIPESTEM.

15 THE EXISTING BARN & HORSE STALL MUST BE A MINIMUM OF 200' FROM ANY DWELLING PER SECTION 104.1.E.5.A OF THE ZONING REGULATIONS

**OWNER'S CERTIFICATE**

I, RICHARD H. KOLB, JR., OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MD, ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINAGE, WATER PIPES, AND OTHER MUNICIPAL UTILITIES IN AND UNDER ALL ROAD AND STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE, WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY, MD TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE, WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER SAID EASEMENTS AND RIGHT-OF-WAYS, WITNESS OUR HAND, THIS 10<sup>TH</sup> DAY OF JUNE, 1992.

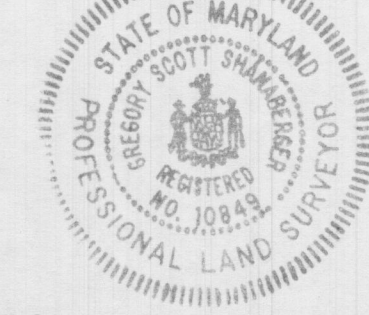
*Richard H. Kolb, Jr.* 6/10/92  
RICHARD H. KOLB, JR. DATE

*[Witness Signature]* 6/10/92  
WITNESS DATE

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A RESUBDIVISION OF LOT 12 AS SHOWN ON A PLAT OF A SUBDIVISION ENTITLED "KOGAN TRUST PROPERTY, LOTS 8 THRU 13", RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, IN PLAT BOOK 10010, SAID PARCEL ALSO BEING ALL OF THE LAND CONVEYED BY ROBERT G. HAMMOND AND JANET M. HAMMOND UNTO RICHARD H. KOLB, JR. DATED NOVEMBER 22<sup>ND</sup>, 1989, AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MD, IN LIBER 2148, FOLIO 49, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THIS PLAT IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE UNRECORDED COPIES OF MARYLAND AS AMENDED.

*Scott Shanaberger* 6/13/92  
SCOTT SHANABERGER  
PROFESSIONAL LAND SURVEYOR #10849 DATE

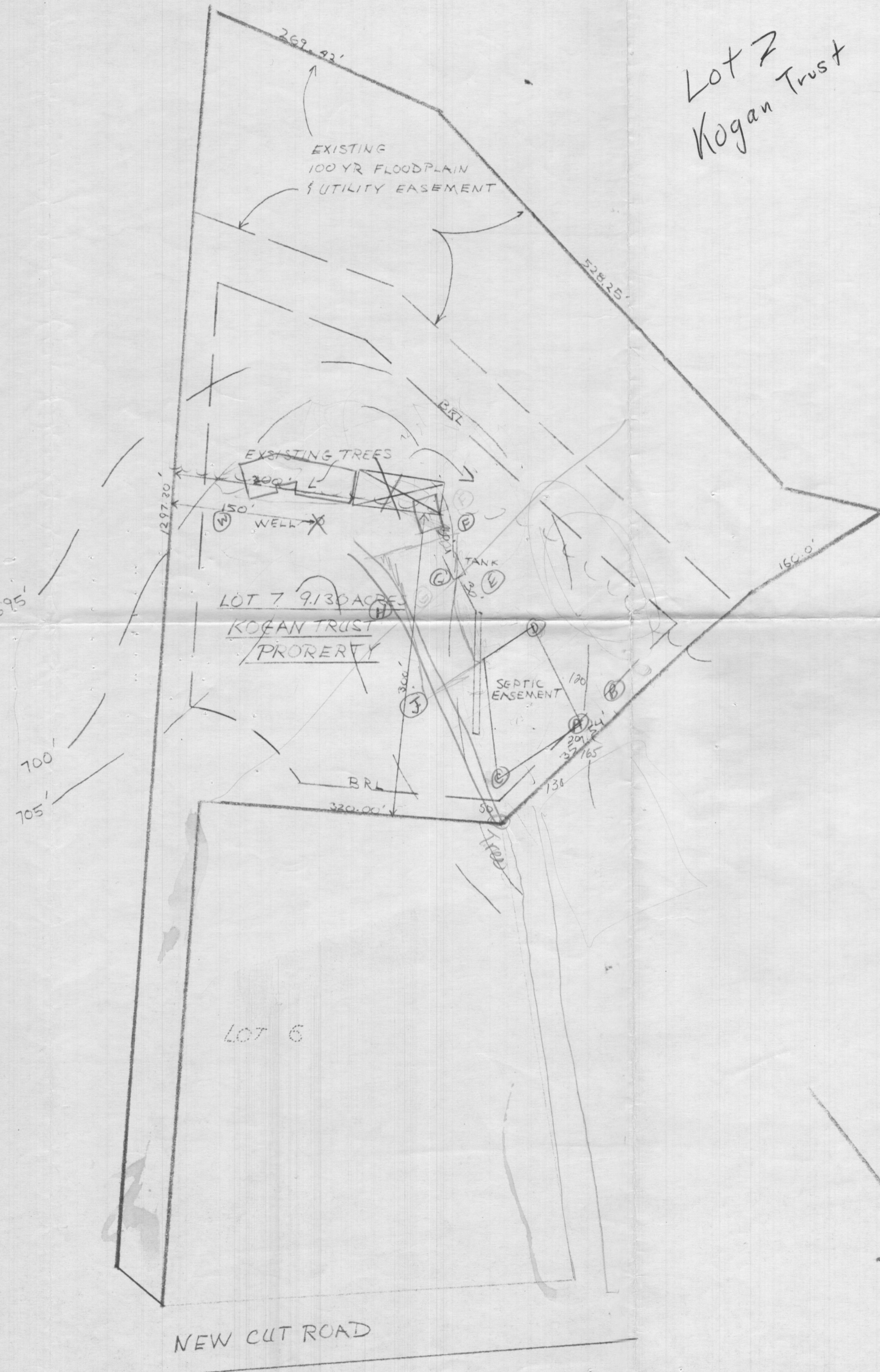


Lot 2  
Kogan Trust

ELEVATIONS

HOUSE	
FF.	702.00'
BASE	694.00'
IN OUT	696.75'
TANK	
EX GR	700.00'
FIN GR	700.00'
INV IN	696.00'
INV OUT	696.75'
DRAIN FIELD	
EX GR	698.00'
IN IN	695.00'
WELL	
	702.00'

9/5/84  
Sketch OR  
J.S.



8/21  
12/2  
12/2  
12/2  
12/2



6/29/84  
 WELLS & CO  
 MO-81-0211

NEW CUT ROAD

RECEIVED  
 HOWARD COUNTY  
 HEALTH DEPT.  
 JUL 11 10 10 AM '84  
 DIVISION OF  
 ENVIRONMENTAL  
 HEALTH

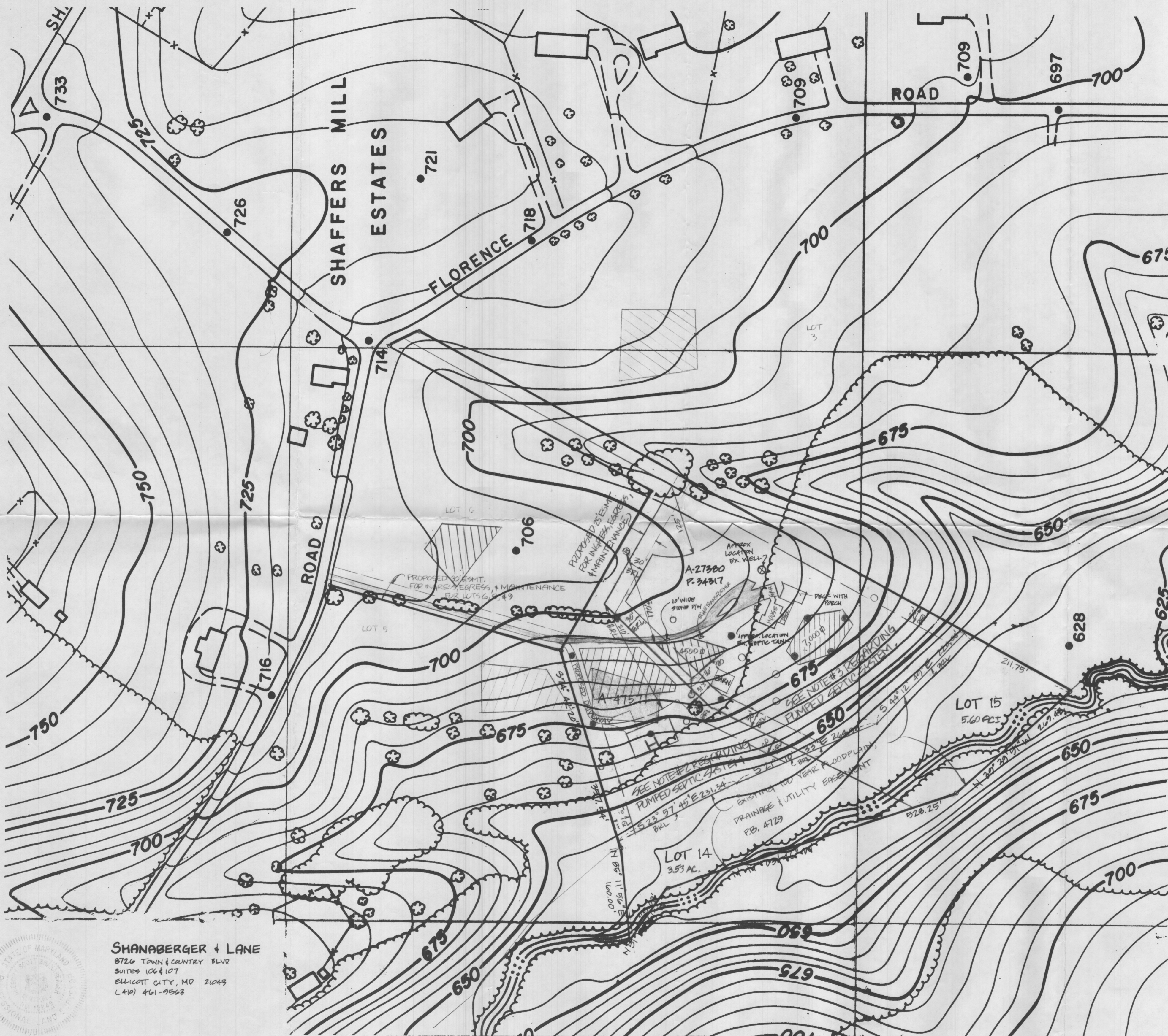


ELEVATIONS	
<u>HOUSE</u>	
FF.	702.00'
BASE	694.00'
IN OUT	696.75'
<u>TANK</u>	
EX GR	700.00'
FINGER	700.00'
INV IN	696.00'
INV OUT	696.75'
<u>DRAINFIELD</u>	
EX GR	698.00'
IN IN	694.00'
<u>WELL</u>	702.00'

I CERTIFY THAT THESE ELEVATIONS  
 ARE ACTUAL AND CORRECT TO THE BEST  
 OF KNOWLEDGE. *Robert L. ...* 13 July 84

ELEVATIONS APPROVED.  
 7/13/84 *C. Wolan*

Lot # 12  
 KOGAN TRUST



**NOTES:**

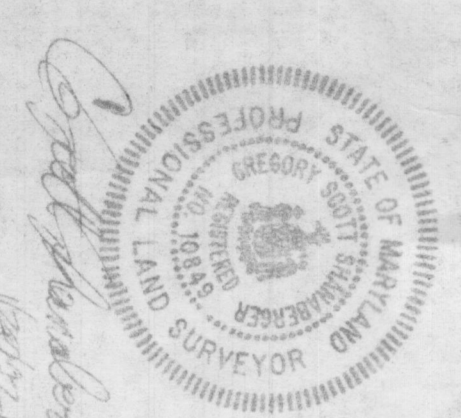
1. WELL FOR LOT 14 MUST BE DRILLED PRIOR TO FINAL PLAT APPROVAL.
2. INSTALLATION OF SEPTIC SYSTEM ON LOT 14 WILL REQUIRE SEWAGE TO BE PUMPED FROM THE SEPTIC TANK TO THE DISTRIBUTION BOX.
3. THE SEPTIC SYSTEM SERVING THE EXISTING HOUSE ON LOT 15 IS TO BE UPGRADED PRIOR TO FINAL PLAT APPROVAL.
4. ALL WELLS & SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY ARE SHOWN HEREON.
5. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT (MINIMUM 10,000 # & FOR EACH LOT) AS REQUIRED BY THE MD STATE DEPT. 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. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
6. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF THE ENVIRONMENT.
7. B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
8. SUBJECT PROPERTY ZONED 'R' AS PER 8-2-85 COMPREHENSIVE ZONING PLAN.
9. H DESIGNATES PROPOSED HOUSE LOCATION.
10. W DESIGNATES PROPOSED WELL LOCATION.
11. O DESIGNATES UNSUCCESSFUL PERC HOLE.
12. ● DESIGNATES SUCCESSFUL PERC HOLE.
13. ■ DESIGNATES APPROVED PERC AREA PER PLAT # 4902.

**APPROVED:**  
 FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS - HOWARD COUNTY HEALTH DEPARTMENT.  
*John M. Boyle* 5-5-92  
 COUNTY HEALTH OFFICER DATE

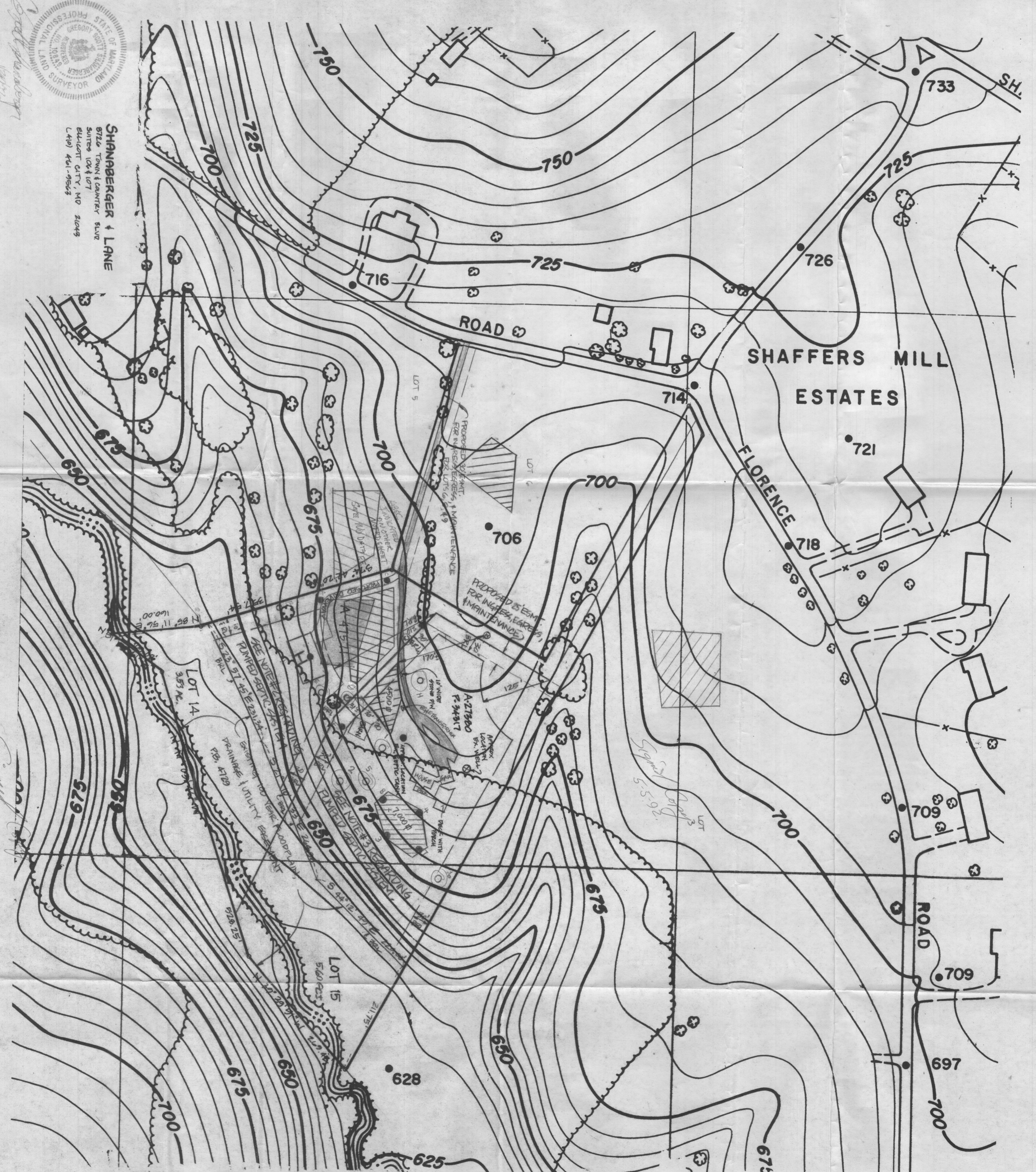
FIELD LOCATED PERC TEST PLAT  
**KOGANS TRUST PROPERTY**  
 LOTS 14 & 15 (A RESUBDIVISION OF LOT 12)  
 4TH ELECTION DISTRICT  
 HOWARD COUNTY, MD  
 SCALE: 1"=100'  
 DATE: 1-22-92  
 TAX MAP: G, PARCEL: 2A7  
 REV. 1/23/92  
 REV. 1/28/92  
 REV. 4/9/92  
 REV. 4/20/92

**SHANABERGER & LANE**  
 8726 TOWN & COUNTRY BLVD  
 SUITES 106 & 107  
 ELICOTT CITY, MD 21043  
 (410) 461-9563

Signed Preliminary 92-12



SHAMBERGER & LANE  
 8722 TOWN CENTER BLVD  
 SUITE 104 LOT 1  
 GREENBELT, MD 20429  
 (410) 461-3505

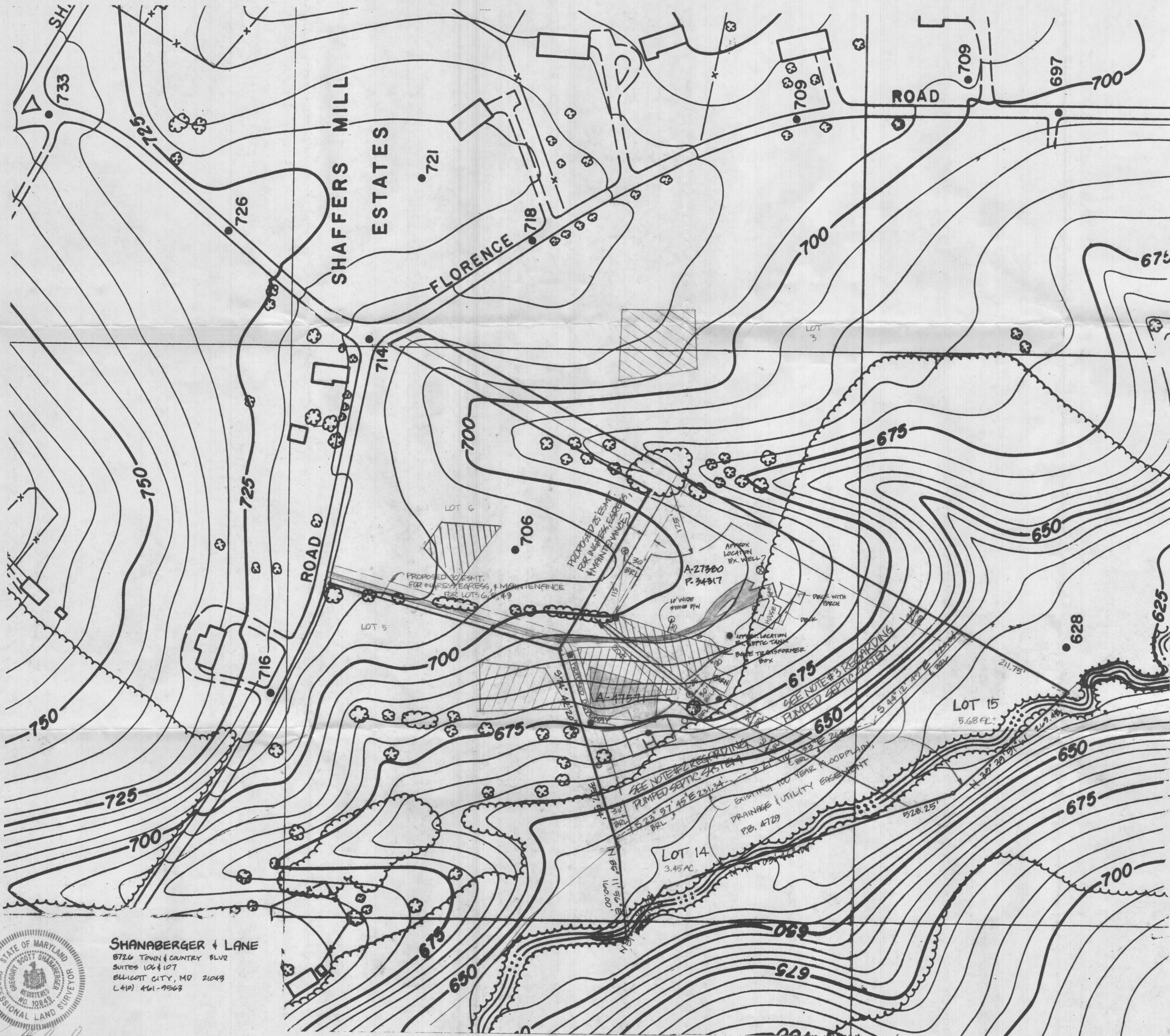


*Signature*  
 5-5-92

FIELD LOCATED TEST PLAT  
**Kogans TRUST PROPERTY**  
 LOTS 14&15, (A RESUBDIVISION OF LOT 15)  
 4TH DISTRICT DISTRICT  
 HANOVER COUNTY, MD  
 SCALE: 1"=100'  
 DATE: 5-21-92  
 DRAWN BY: G. SHAMBERGER  
 REV: 12/29/92  
 REV: 1/20/92  
 REV: 4/3/92  
 REV: 4/19/92

**APPROVED:**  
 FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS - HANOVER COUNTY HEALTH DEPARTMENT.  
*Signature*  
 DATE: 5-5-92

1. WELL FOR LOT 14 MUST BE DRILLED DEEP TO FINAL PLAT ELEVATION.
2. INSTALLATION OF SEPTIC SYSTEM ON LOT 14 WILL REQUIRE CHANGE TO BE RUMORED FROM THE SEPTIC TANK TO THE DISTRIBUTION BOX.
3. THE SEPTIC SYSTEM SERVING THE EXISTING HOUSE ON LOT 15 IS TO BE UPGRADED FROM TO FINAL PLAT APPROVAL.
4. ALL WELLS & SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY ONE ADJACENT NEIGHBOR.
5. THIS AREA DESIGNATES A PRIVATE SEWERAGE SYSTEM (MINIMUM 12" DIA) AS REQUIRED BY THE MD STATE DEPT. OF THE ENVIRONMENT FOR ANY INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED TO THIS EXISTENT SHALL BECOME NULL & VOID UPON CONNECTION TO A RIGID SEWERAGE SYSTEM. THE AUTHORITY TO DISCONNECT SHALL HAVE THE AUTHORITY TO DISCONNECT THE EXISTING CONNECTION INTO THE PRIVATE SEWERAGE SYSTEM RECONSTRUCTION OR A NEWER SEWERAGE SYSTEM SHALL NOT BE NECESSARY.
6. THE LOTS SHOWN HEREIN CONVEY WITH THE MINIMUM OVERSIGHT WITHIN LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF THE ENVIRONMENT.
7. B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
8. SUBJECT PROPERTY ZONED JC AS PER 8-2-65 COMPREHENSIVE ZONING PLAN.
9. [H] DESIGNATES PROPOSED HOUSING LOCATION.
10. [O] DESIGNATES PROPOSED WELL LOCATION.
11. [O] DESIGNATES UNDESIRABLE TEST HOLE.
12. [O] DESIGNATES SUCCESSFUL TEST HOLE.
13. [O] DESIGNATES APPROVED TEST HOLE PER PLAN # 4902



- NOTES:**
1. WELL FOR LOT 14 MUST BE DRILLED PRIOR TO FINAL PLAT APPROVAL.
  2. INSTALLATION OF SEPTIC SYSTEM ON LOT 14 WILL REQUIRE SEWAGE TO BE PUMPED FROM THE SEPTIC TANK TO THE DISTRIBUTION BOX.
  3. INSTALLATION OF FUTURE SEPTIC SYSTEMS ON LOT 15 WILL REQUIRE SEWAGE TO BE PUMPED FROM THE SEPTIC TANK TO THE NEW DISTRIBUTION BOX.
  4. ALL WELLS & SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY ARE SHOWN HEREON.
  5. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 #/I AS REQUIRED BY THE MD STATE DEPT. 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. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
  6. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF THE ENVIRONMENT.
  7. B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
  8. SUBJECT PROPERTY ZONED 'R' AS PER 8-2-85 COMPREHENSIVE ZONING PLAN.
  9. DESIGNATES PROPOSED HOUSE LOCATION.
  10. DESIGNATES PROPOSED WELL LOCATION.
  11. DESIGNATES UNSUCCESSFUL PERC HOLE.
  12. DESIGNATES SUCCESSFUL PERC HOLE.
  13. DESIGNATES APPROVED PERC AREA PER PLAT # 45702.

**APPROVED:**  
 FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS - HOWARD COUNTY HEALTH DEPARTMENT.  
*Josephine Bogdanus* 1-30-92  
 COUNTY HEALTH OFFICER DATE

FIELD LOCATED PERC TEST PLAT  
**KOGANS TRUST PROPERTY**  
 LOTS 14 & 15 (A RESUBDIVISION OF LOT 12)  
 4TH ELECTION DISTRICT  
 HOWARD COUNTY, MD  
 SCALE: 1"=100'  
 DATE: 1-22-92  
 TAX MAP: G, PARCEL: 247  
 REV. 1/23/92  
 REV. 1/28/92

**SHANABERGER & LANE**  
 8726 TOWN & COUNTRY BLVD  
 SUITES 106 & 107  
 ELLICOTT CITY, MD 21043  
 (410) 461-9563

*Carol Shanabarger*

Obsolete signed Preliminary 92-02