

# PERMIT

03-283704

P 510655

## SEWAGE DISPOSAL SYSTEM

A 41447

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rd

#### HOWARD COUNTY HEALTH DEPARTMENT

DATE 9-1-98

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 11-20-98

INDEXED

INSPECTOR *[Signature]*

Raymond Martin Plumbing and Heating IS PERMITTED TO INSTALL  ALTER

ADDRESS 724 Chessie Crossing Way Woodbine, MD 21797 (BUILDER) PHONE (301) 845-8331

SUBDIVISION Kings Gift LOT 44 ROAD 11525 CHANCELLOR LANE  
~~11712 Frederick Road~~

PROPERTY OWNER Walter W. and Elizabeth A. Thompson

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS TOP SEAM TANK

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

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

LOCATION - Place the distribution box 40 feet from the 535.98' lot line and 380 feet from the 236.90' lot line. Run trenches on contour towards 535.98' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 7-27-98 OK AU

PLANS APPROVED BY C. Williams/Glen Savage/Kim Maiste REVISED DATE 7/17/98

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: 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

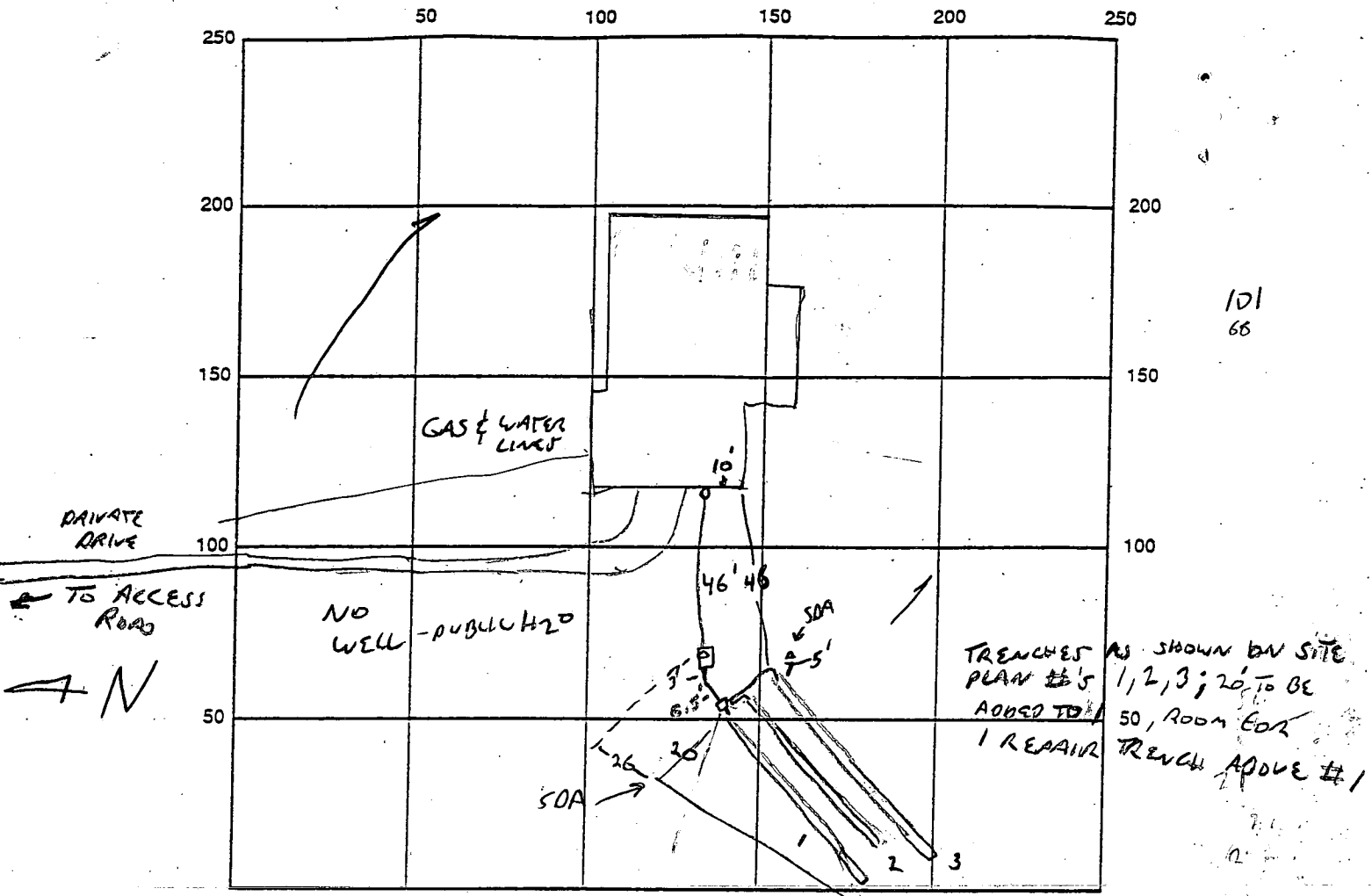
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

3103 PERMS [redacted]  
AND RETURNED 800123411  
30'x16' Irregular Deck 4/6/00

V 41447



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1506 CAL TOP SIAM CLEANOUTS 1 ON ST, 1 AT HO USE  
 DISTRIBUTION BOX LEVEL OK - CONCRETE - PRE-CAST RAFFEL - CONCRETS  
 DRAIN FIELD/TILE DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH  $\frac{112+3}{56.5/16.65}$  = 217 + 30 = 247 FT.  
 NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA 741 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: 11-19-98 MR MARTIN REPORTS LAYOUT IMP, RIVER CHANGES OK'D MONDAY, TRENCH LAYOUT  
INSIDE STAKED SOA, APPROVED BY DKS, 20' SHORT FOR HOUSE SIDE,  
DISCUSSED W/MR. MARTIN 20' TO BE ADDED TO HIGH TRENCH (EXTENDING OUTSIDE  
SEPTIC AREA) OK TO COVER THE REST OF THE SYSTEM. #  
11-20-98 30' ADDED TO HIGHEST TRENCH - IS STILL INSIDE OF SOA BY 6'

DATE SYSTEM APPROVED 11/20/98 INSPECTOR [Signature]

SEPTIC SYSTEM DATA

INV. AT HOUSE ~~501.09~~ 501.00

SEPTIC TANK

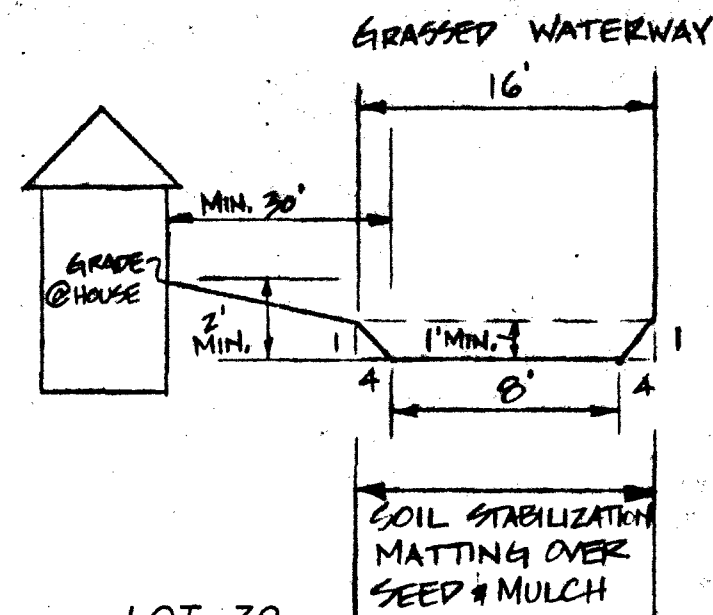
EX. GRADE 502.5  
 FIN. GRADE 503.5  
 INV. IN ~~500.40~~ 501.00  
 INV. OUT ~~500.51~~ 501.35

DISTRIBUTION BOX

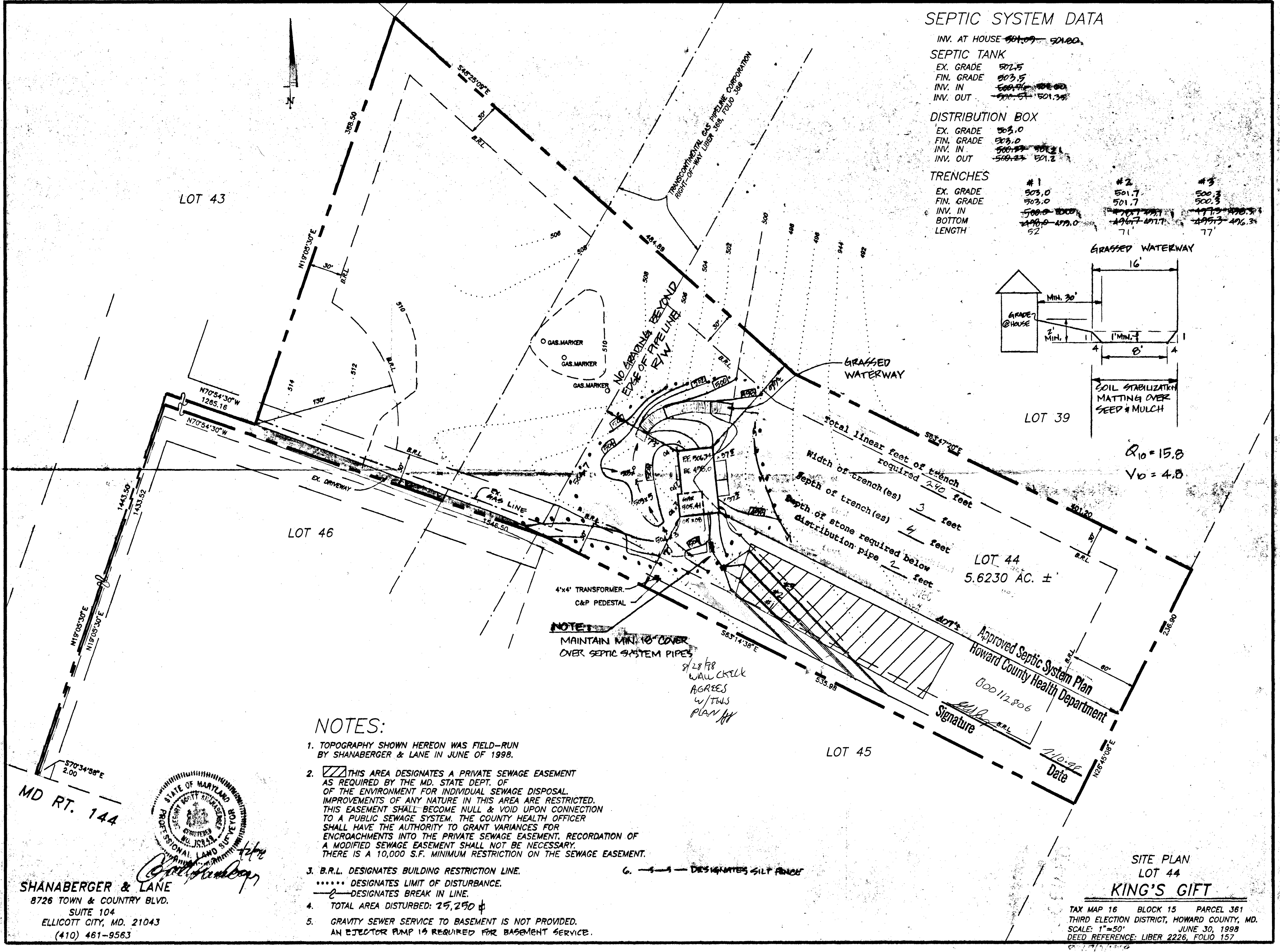
EX. GRADE 503.0  
 FIN. GRADE 503.0  
 INV. IN ~~500.27~~ 501.2  
 INV. OUT ~~500.27~~ 501.2

TRENCHES

|            | #1                     | #2                     | #3                     |
|------------|------------------------|------------------------|------------------------|
| EX. GRADE  | 503.0                  | 501.7                  | 500.3                  |
| FIN. GRADE | 503.0                  | 501.7                  | 500.3                  |
| INV. IN    | <del>500.0</del> 500.0 | <del>496.7</del> 497.7 | <del>497.3</del> 498.3 |
| INV. OUT   | <del>498.0</del> 499.0 | <del>496.7</del> 497.7 | <del>497.3</del> 498.3 |
| BOTTOM     |                        |                        |                        |
| LENGTH     | 52'                    | 71'                    | 77'                    |



$Q_{10} = 15.8$   
 $V_{10} = 4.8$

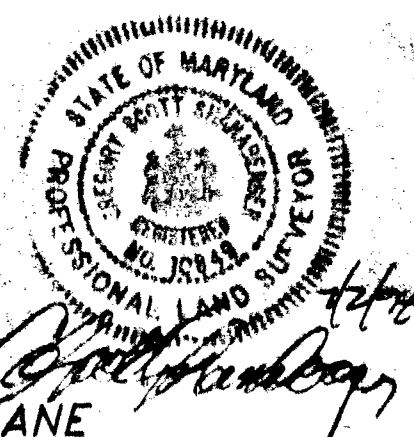


NOTE:  
 MAINTAIN MIN. 18" COVER OVER SEPTIC SYSTEM PIPES  
 8/28/98 WALL CHECK AGREES W/TWS PLAN BY

NOTES:

1. TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN BY SHANABERGER & LANE IN JUNE OF 1998.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT 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 SHALL NOT BE NECESSARY. THERE IS A 10,000 S.F. MINIMUM RESTRICTION ON THE SEWAGE EASEMENT.
3. B.R.L. DESIGNATES BUILDING RESTRICTION LINE.  
 ..... DESIGNATES LIMIT OF DISTURBANCE.  
 - - - - - DESIGNATES BREAK IN LINE.
4. TOTAL AREA DISTURBED: 25,250 ±
5. GRAVITY SEWER SERVICE TO BASEMENT IS NOT PROVIDED. AN EJECTOR PUMP IS REQUIRED FOR BASEMENT SERVICE.

6. - - - - - DESIGNATES SILT FENCE



SHANABERGER & LANE  
 8726 TOWN & COUNTRY BLVD.  
 SUITE 104  
 ELLICOTT CITY, MD. 21043  
 (410) 461-9563

Approved Septic System Plan  
 Howard County Health Department  
 000112806  
 Signature \_\_\_\_\_  
 Date 2/10/98

SITE PLAN  
 LOT 44  
 KING'S GIFT

TAX MAP 16 BLOCK 15 PARCEL 361  
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MD.  
 SCALE: 1"=50'  
 JUNE 30, 1998  
 DEED REFERENCE: LIBER 2226, FOLIO 157  
 8/28/98  
 87147-10.DWG



# APPLICATION

PERCOLATION TESTING

A 41447  
P \_\_\_\_\_

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

DISTRICT 3  
DATE 4/7/88  
10 March, 1988

Full test

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 Walter Wood Elizabeth H. Thompson  
Jean R. Dickey, Individually; Jean R. Dickey, Trustee Jean R. Dickey Inter-Vivos  
TRUST

ADDRESS 13850 Forsythe Rd., Sykesville, Md 21784 PHONE (301) 442-2226

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

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

PROPERTY LOCATION:

SUBDIVISION King's Gift LOT NO. 44

ROAD AND DESCRIPTION North on Route 44, East on Thompson Drive  
(11712 Frederick Road)

TAX MAP 16 PARCEL # 361

SIZE OF LOT 5.117 Ac ± TYPE BLDG. Single Family Dwelling  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED  
AND RETURNED 7-10-98  
Serial # 20712806  
4510W

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 F. Jones (Signature)  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 6/25/88 - Dig More Wet Season 3/15/89

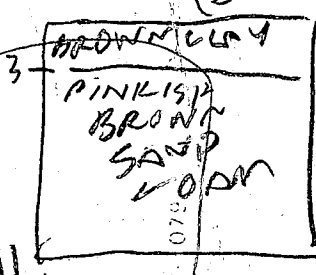
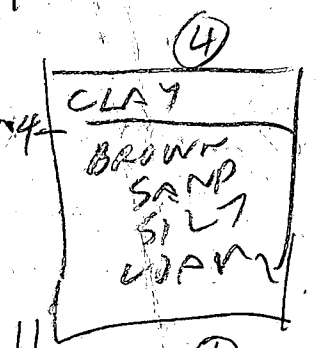
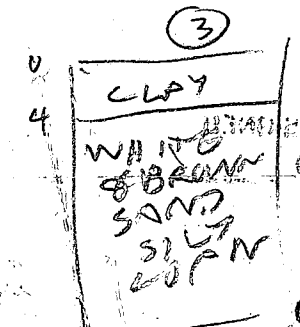
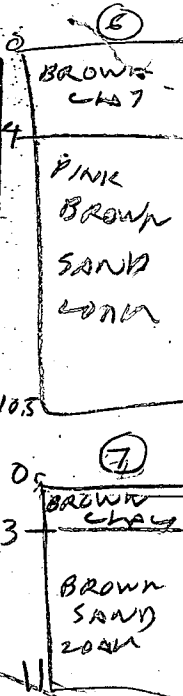
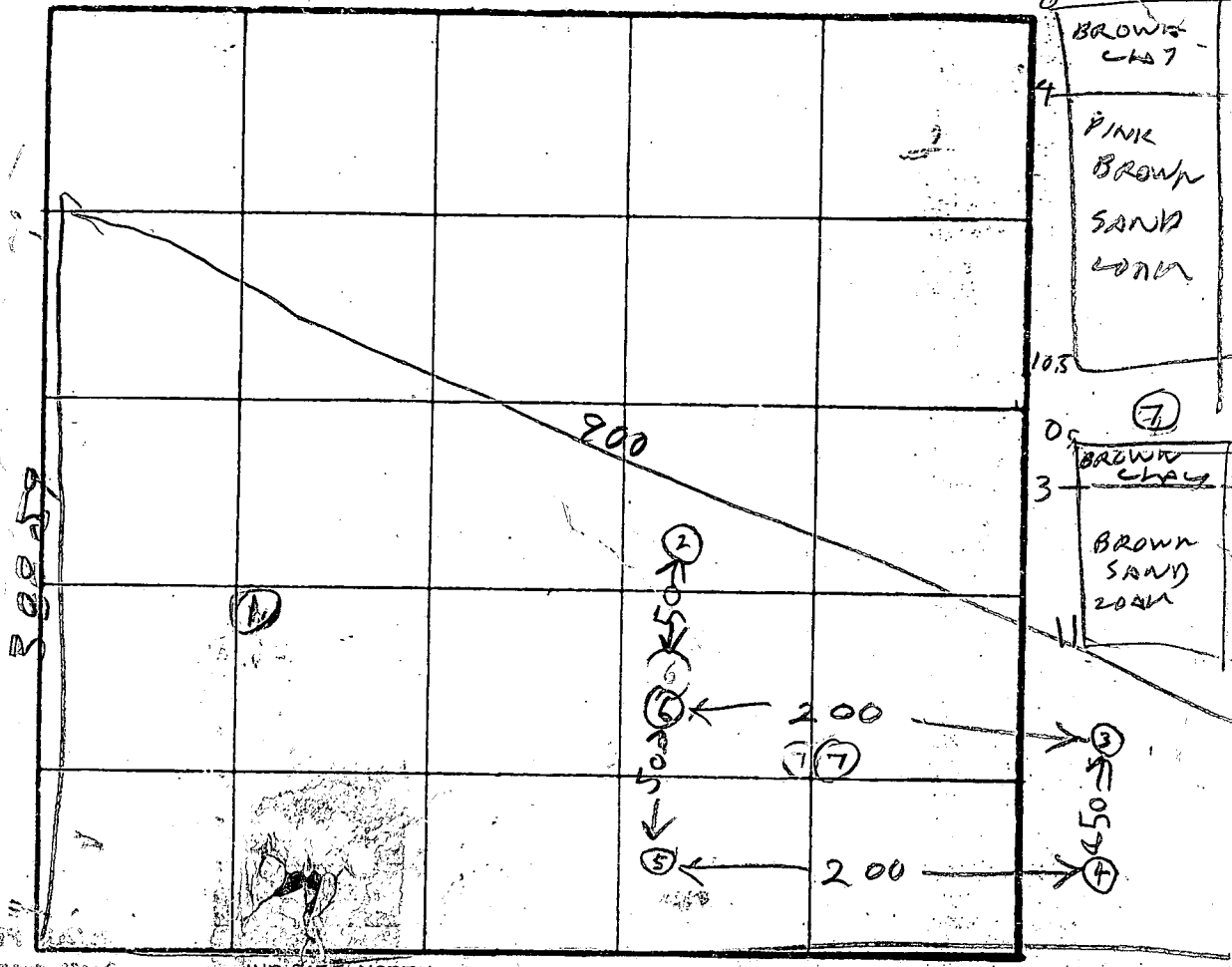
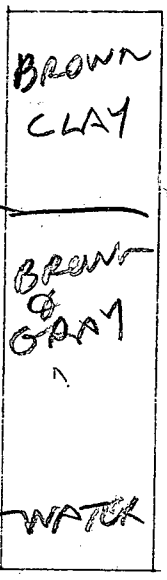
PERC OK FOR SHALLOW SYSTEM HOLD FOR PERC CERT PHOTO R/A

# THIS IS NOT A PERMIT

W.S.  
Retest only

# KINGS GIFT LOT 44

② SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE    | TEST NO. | DEPTH | PRE-WET |      | TEST - 1" DROP |      | TIME |
|---------|----------|-------|---------|------|----------------|------|------|
|         |          |       | START   | STOP | START          | STOP |      |
| 6/24/88 | 1V       | 2.5   | WATER   |      |                |      |      |
| 3/15/89 | (D) 2V   | 1 1/2 | WATER   |      | CLAY           |      | FAIL |
|         | 3V       | 5     | 327     | 333  | 333            | 343  | 10   |
|         | 3V       | 10.5  | OK      |      |                |      |      |
|         | 4V       | 5     | 334     | 342  | 342            | 346  |      |
|         | 4V       | 11    | OK      |      |                |      |      |
|         | 5V       | 3.5   | 349     | 351  | 351            |      |      |
|         | 5V       | 7     | 350     | 351  | 351            | 353  | 2    |
|         | 5V       | 11    | OK      |      |                |      |      |
|         | 6V       | 11    | OK      |      |                |      |      |

REMARKS 6/24/88 - NOT TEST VISUAL WATER HOLE 100 FT FROM LOT 43

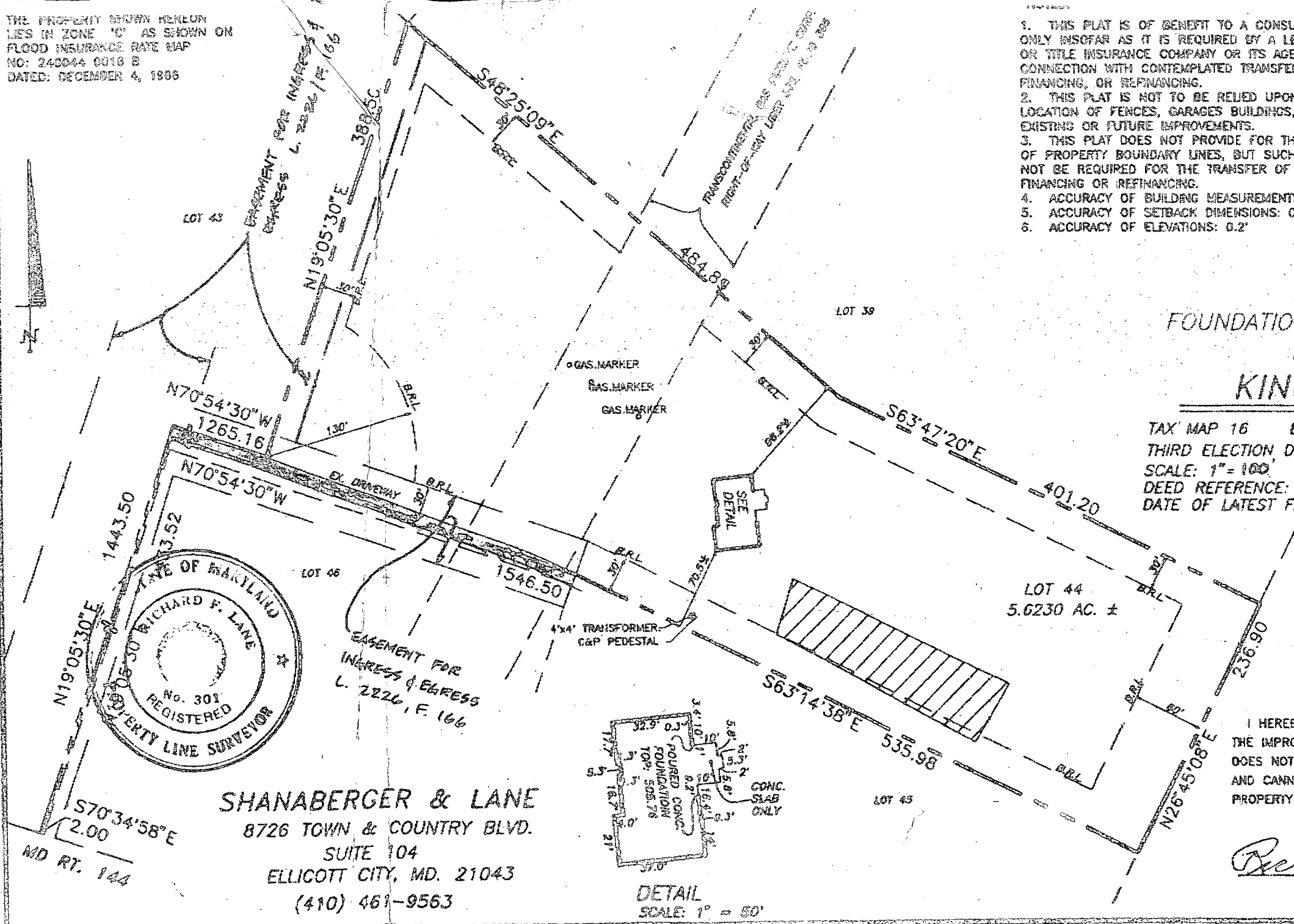
3/15/89 SURVEYOR TEST PLAT DOES NOT SHOW HOLE OK ETTERMAN BUT STAKES ARE ON LOT BUT ONLY HOLE ② DUG PER SURVEYOR STAKE ALSO PRESENT

THE PROPERTY SHOWN HEREON LIES IN ZONE 'C' AS SHOWN ON FLOOD INSURANCE RATE MAP NO: 240044 0018 B DATED: DECEMBER 4, 1986

1. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING, OR REFINANCING.
2. THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF LOCATION OF FENCES, GARAGES BUILDINGS, POOLS, BUILDING ADDITIONS OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
3. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
4. ACCURACY OF BUILDING MEASUREMENTS: 0.1'
5. ACCURACY OF SETBACK DIMENSIONS: 0.2'
6. ACCURACY OF ELEVATIONS: 0.2'

FOUNDATION LOCATION DRAWING  
LOT 44  
**KING'S GIFT**

TAX MAP 16 BLOCK 15 PARCEL 361  
THIRD ELECTION DISTRICT, HOWARD COUNTY, MD.  
SCALE: 1" = 100'  
AUGUST 24, 1998  
DEED REFERENCE: LIBER 4706, FOLIO 306  
DATE OF LATEST FIELD WORK: 8/22/98



**SHANABERGER & LANE**  
8726 TOWN & COUNTRY BLVD.  
SUITE 104  
ELLICOTT CITY, MD. 21043  
(410) 481-9563

DETAIL  
SCALE: 1" = 50'

I HEREBY CERTIFY THAT I HAVE LOCATED THE IMPROVEMENTS AS SHOWN. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY AND CANNOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

*Richard F. Lane 8/25/98*



