

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

INDEXED

03-283607

P 49965

A 41423

DISTRICT 3rd

DATE 4/12/94

DATE SYSTEM APPROVED 4/15/94

INSPECTOR CW

Arnold Backhoe & Septic Service IS PERMITTED TO INSTALL  ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION KING'S GIFT LOT 19 ROAD 2809 KING'S GIFT DRIVE  
~~11758 FREDERICK ROAD~~

PROPERTY OWNER JOHN & CHRISTINA MOON

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

TRENCHES - Trench to be 3 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 4½ feet below original grade. Effective area begins at 2½ feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 170 feet from the west (416') lot line and 180 feet from the north (315') lot line. Run trenches along contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout cap to grade or above on septic tank. MR OK 8/17/93

PLANS APPROVED BY Raymond Hodges/C. Williams REVISED DATE 6/16/93

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

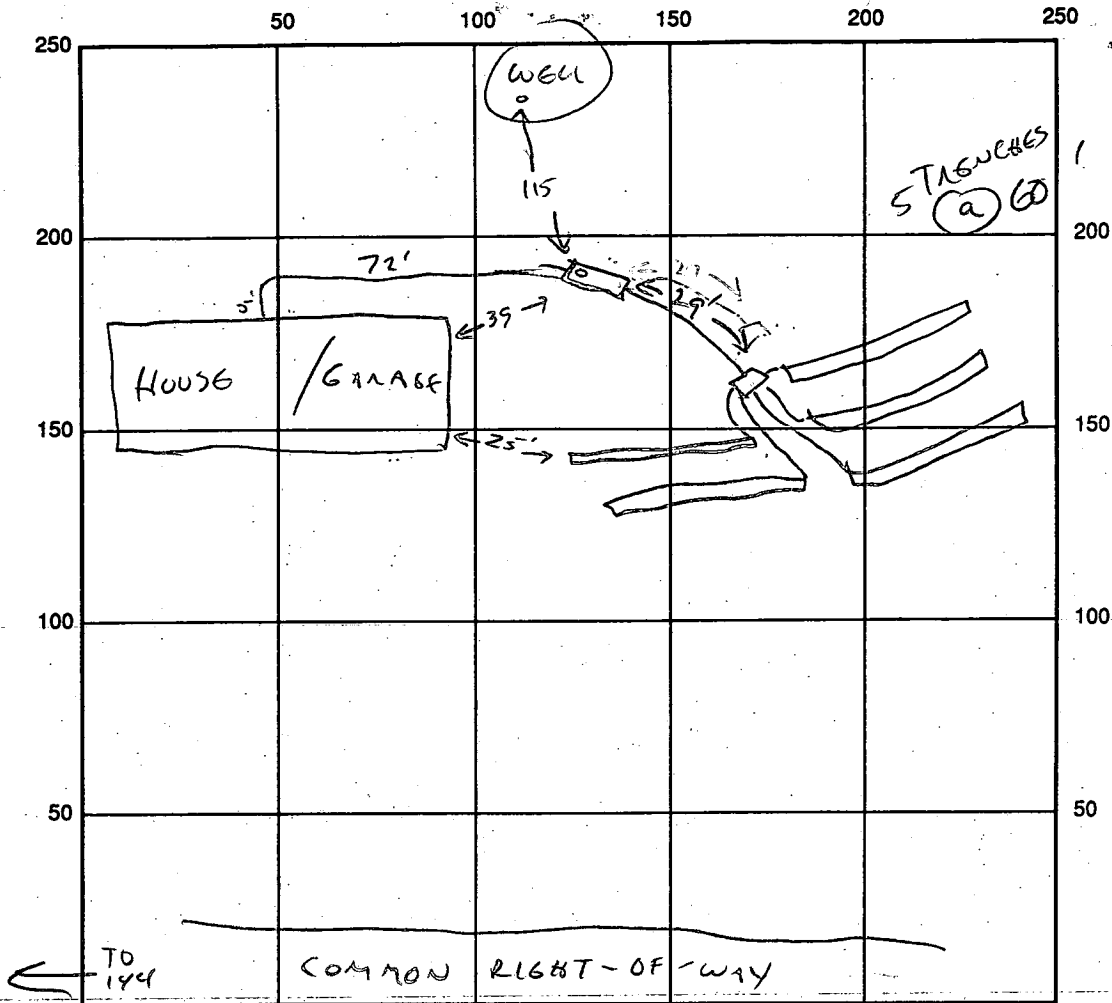
PERMIT VOID AFTER TWO YEARS

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**

A  
41423



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL ✓ CLEANOUTS STV IN LINE ✓  
 DISTRIBUTION BOX LEVEL ✓  
 DRAIN FIELD/TITLE DEPTH 4 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 1/2 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 300 FT.  
 NUMBER OF TRENCHES 5 (2) 60' ONE-SIDEWALL/BOTTOM AREA 900 SQ. FT.  
 DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.  
 ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: INSTALLATION INFORMATION FOR INSTALL - NOT INSPECTED 4/15/94

DATE SYSTEM APPROVED 4/15/94 INSPECTOR ewilliam



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**HOWARD COUNTY HEALTH DEPARTMENT**

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

**TO:** Bud Arnold  
Arnold Backhoe & Septic Service  
PO Box 15  
Woodbine, MD 21797

**FROM:** Craig Williams

**DATE:** April 19, 1994

**RE:** **Septic System Installation Permit P49965**  
**Lot 19 Kings Gift**  
**11758 Frederick Road**

This is to request submittal of a signed installation diagram for the above referenced project.

On April 15, 1994, it was agreed that the above referenced septic system could be installed without inspection by the Howard County Health Department, on condition that an "as-built" diagram be submitted. Final approval of the installation is contingent upon receipt and review of said diagram.

CW/brl

# APPLICATION

PERCOLATION TESTING

A 41423

P \_\_\_\_\_

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

DISTRICT 3

DATE 4/6/88  
~~10 March, 1988~~

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 John & Christina Moon  
~~Jean R. Dickey, Individually; Jean R. Dickey, Trustee Jean R. Dickey Inter-Vivos~~  
TRUST

ADDRESS 13850 Forsythe Rd., Sykesville, Md 21784 PHONE (301) 447-2226  
410-750-2836

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

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

PROPERTY LOCATION:

SUBDIVISION King's Gift LOT NO. 19

ROAD AND DESCRIPTION North of Route 144, East of Thompson Drive  
(11758 Frederick Road)

TAX MAP 16 PARCEL # 336

SIZE OF LOT 5.016 Ac± TYPE BLDG. Single Family Dwelling  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Richard E. Lane (Agent)  
(SIGNATURE OF APPLICANT)

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

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

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

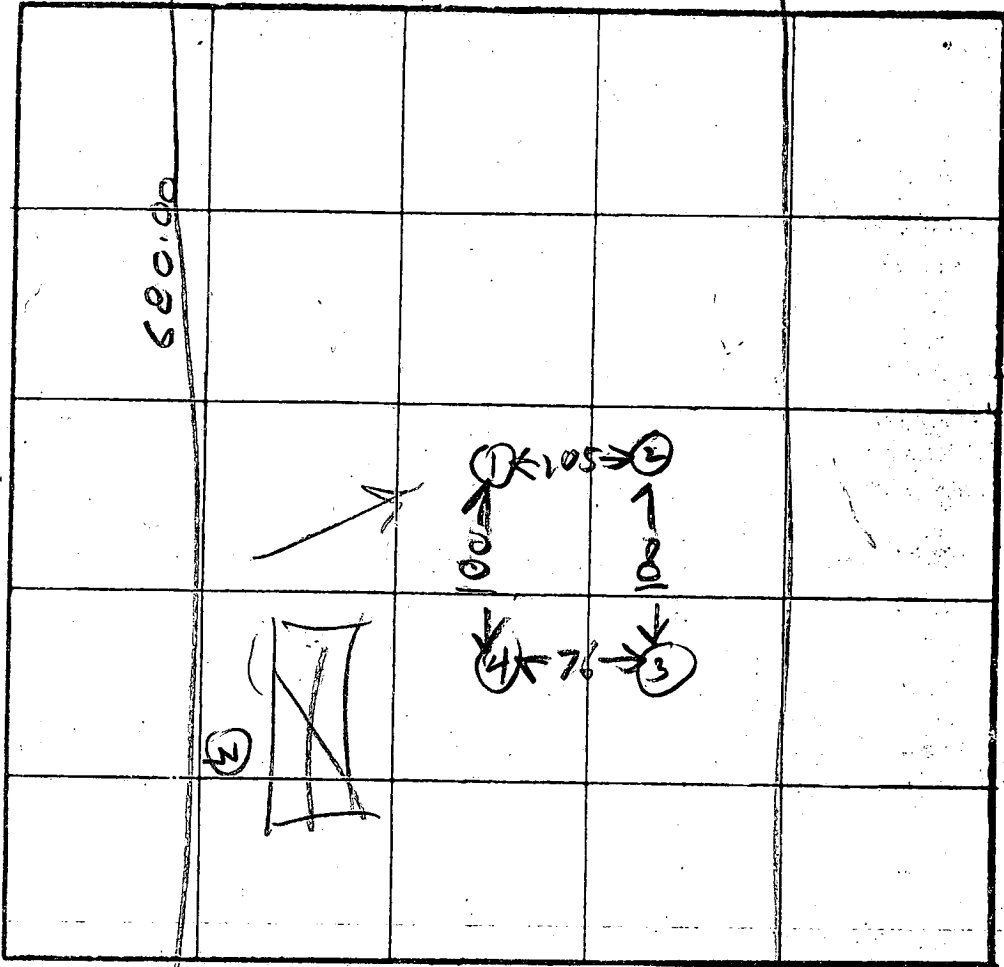
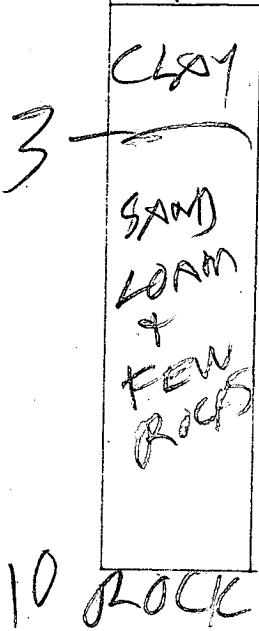
REASONS FOR REJECTION OR HOLDING 6/22/80 - Old S. Ardmore Drive  
Fields Held for Plat B/H

# THIS IS NOT A PERMIT

KING SQ LOT 19  
GIFT

Soil Profile

SOIL PROFILE

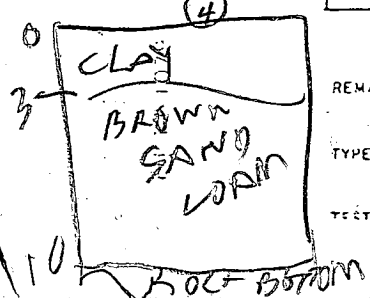
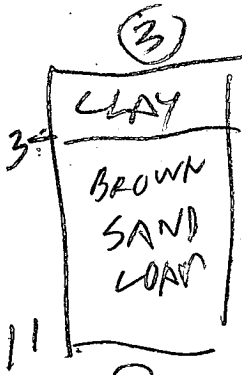
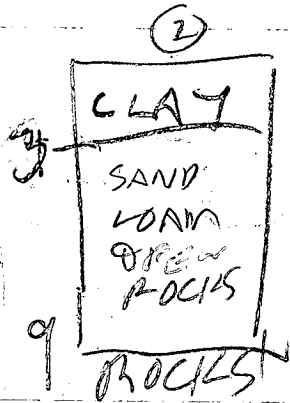


X Perc  
4 min  
180 #/BA  
Inlet 3'  
Bottom 4.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

313.33

DATE	TEST NO.	DEPTH	PRE-WET		TEST #1 DROP		TIME
			START	STOP	START	STOP	
4/22/88	1V	10	ROCK	BOTTOM			
	2S	4	328	330	330	332	✓
	2V	9	OK				
	3S	5	332	335	335	340	5
	3V	11	OK				
	4D	4	343	345	345	347	2
	4S	7	343	345	345	351	6
	4V	10	OK				



REMARKS: Hole (2) depth surveyer Stone Hole (3) dug different

TESTED BY: R. Hodges

ALSO PRESENT: O Ketterman, B. L. A. J. O. N. J. A.

B 1 2380 SEQUENCE NO. (DP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
HO-88-1285  
fill in this form completely

3 Date Received (APA) 031990  
OWNER INFORMATION  
8 SHAW ART  
15 Last Name Owner First Name 34  
36 931 JASONTOWN RD  
57 WESTMINSTER MD 21157  
70 State 72 Zip 76

B 3 LOCATION OF WELL  
1 HOWARD  
8 COUNTY 21  
KINGS GIFT  
23 SUBDIVISION 42  
SECTION 44 46 LOT 19 48 50  
WEST FRIENDSHIP  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) 2 MI  
73 76 77 78

DRILLER INFORMATION  
Paul M. Fabiszak 399  
Driller's Name 77 License No. 80  
G. Edgar Harr Sons' Corp.  
Firm Name  
12047 Falls Rd., Cockeysville 21030  
Address  
Paul M. Fabiszak 3-9-90  
Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
N W N E  
8-9 8-9  
W TOWN E  
8 8  
S W S E  
8-9 8-9  
S  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH  
WEST 32 EAST  
SOUTH  
NEAR WHAT ROAD TRIADELPHIA ROUTE 144 11 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
34 500 37  
DISTANCE FROM ROAD  
ENTER FT or MI A1  
38 39

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) 5  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750  
14 20

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard A41423  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE DATE ISSUED 090990 Mark E. Kiffin 10/9/90  
INSERT S  
43 48 CO-SIGNATURE EXP. DATE  
NORTH GRID 539000 EAST GRID 0824000  
50 55 57 63

APPROXIMATE DEPTH OF WELL 209 FEET  
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH  
NEAREST INCH

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
30 AIR-ROTARY AIR-PERCUSSION ROTARY (Hydraulic Rotary)  
37 CABLE - REVERSE-ROTARY DRIVE-POINT  
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1.  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 8209  
N 5309  
000  
000  
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
N  
HEALTH DEPARTMENT  
ROUTE 144  
TRIADELPHIA

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
N THIS WELL WILL NOT REPLACE AN EXISTING WELL  
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
39 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
D THIS WELL WILL DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (OEP USE ONLY)  
APPROX. PERMIT NUMBER GAP  
54 63  
FORCE MD WRITE INITIALS IN BOX PERMIT No. HO-88-1285  
67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

C1 **1532** SEQUENCE NO. (DENV USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WELL COMPLETION REPORT**  
 FILL IN THIS FORM COMPLETELY  
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN  
 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER **A41423**

ST/CO USE ONLY  
 DATE Received  
 [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
 8 13

DATE WELL COMPLETED  
**042090**  
 15 20

Depth of Well  
**450**  
 22 26  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
**HO-88-1285**  
 28 29 30 31 32 33 34 35 36 37

OWNER **CHAW** last name **ART** first name  
 STREET OR RFD **Rt 144** TOWN **West Friendship**  
 SUBDIVISION **KING'S GIRT** SECTION **12** LOT **12**

**WELL LOG**  
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Overburden	0	5	
Brown Shale	5	35	
Granite	35	450	x

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED  YES  NO  
 (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **10** NO. OF POUNDS **1000**  
 GALLONS OF WATER **100**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **40** ft.  
 48 TOP 52 (enter 0 if from surface) 54 BOTTOM 58

**CASING RECORD**  
 casing types insert appropriate code below  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER

MAIN CASING TYPE  ST  
 Nominal diameter top (main) casing (nearest inch) **6**  
 Total depth of main casing (nearest foot) **40**  
 60 61 63 64 66 70

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

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

**C2**  
 DEPTH (nearest ft.)  
 EACH SCREEN  
 1 **40** **40** **21** **45** **05**  
 8 9 11 15 17 21  
 2 [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
 23 24 26 30 32 36  
 3 [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
 38 39 41 45 47 51

CIRCLE APPROPRIATE LETTER  
**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 26.04.04 "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. **399**

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
*Conde P...*

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 **117** **68**

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) 70 [ ] 72 [ ]  
 W Q 74 75 76 [ ] [ ] [ ]  
 TELESCOPE LOG OTHER DATA  
 CASING INDICATOR

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 8 9  
 PUMPING RATE (gal. per min. to nearest gal.) **9**  
 11 15  
 METHOD USED TO MEASURE PUMPING RATE **Submersible**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **20**  
 17 20  
 WHEN PUMPING **344**  
 22 25  
 TYPE OF PUMP USED (for test)  
 A air  P piston  T turbine  
 C centrifugal  R rotary  O other (describe below)  
 J jet  S submersible

**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP YES NO  
 (CIRCLE) (YES or NO)  
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) [ ] [ ] [ ] [ ] 31 35  
 PUMP HORSE POWER [ ] [ ] [ ] [ ] 37 41  
 PUMP COLUMN LENGTH (nearest ft.) [ ] [ ] [ ] [ ] 43 47  
 CASING HEIGHT (circle appropriate box and enter casing height)  
 + above 49 } LAND SURFACE (nearest foot) [ ] [ ] 50 51  
 - below 49 }

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).

**SHANABERGER & LANE**

Surveying • Land Planning • Construction Stakeout

**CLERKS NOTATION**Documents submitted for record in  
a condition not permitting satisfactory  
photographic reproduction.**EXHIBIT A****DESCRIPTION OF REVISED LOT 18  
KING'S GIFT****CLERKS NOTATION**Documents submitted for record in  
a condition not permitting satisfactory  
photographic reproduction.

All that parcel of land lying on the north side of Maryland Route 144 and southeast of U.S. Route 40 in the Third Election District of Howard County, Maryland, said parcel being more particularly described as follows:

Beginning for said parcel at point on the north right-of-way of Maryland Route 144, said point being on, and distant 1526.37 feet from an iron pipe found at the beginning of, the 23rd or South 70° 35' 00" East 3,489.04-foot line of that parcel of land which, by deed dated April 28, 1874, and recorded among the Land Records of Howard County in Liber 679, Folio 576, was conveyed by J. Edwin Mercer and others unto James W. Dickey, thence binding on part of said 23rd line and on the north right-of-way line of Maryland Route 144, and binding on all of the 1st line of that parcel of land which, by deed dated May 2, 1874, and recorded among the Land Records in Liber 678, Folio 629, was conveyed by Charles C. Mehland, Trustee, unto James W. Dickey and the George Coury Trust:

(1) South 70° 34' 58" East a distance of 2.00 feet; thence leaving the north right-of-way line of Maryland Route 144 and binding on part of the 2nd line of said parcel described in Liber 678, Folio 628;

(2) North 10° 05' 30" East a distance of 2451.60 feet; thence running across said parcel described in Liber 679, Folio 638;

(3) North 70° 54' 38" West passing over an iron bar set at 20.00 feet, a total distance of 315.33 feet to an iron bar set on the 4th line of said parcel described in Liber 678, Folio 638; thence binding on part of said 4th line and on all of the 5th and all of the 6th lines of said parcel described in Liber 678, Folio 638, the three (3) following courses and distances:

(4) South 8° 43' 30" West a distance of 416.00 feet to an iron bar set; thence

(5) South 70° 54' 38" East, passing over an iron bar set at 287.33 feet, a total distance of 313.33 feet; thence

(6) South 18° 28' 30" West distance of 8935.58 feet to the place of beginning. Containing 2.1851 acres of land, more or less, as surveyed by Shanabarger and Lane.

Being part of the abovementioned parcel described in Liber 679, Folio 638.

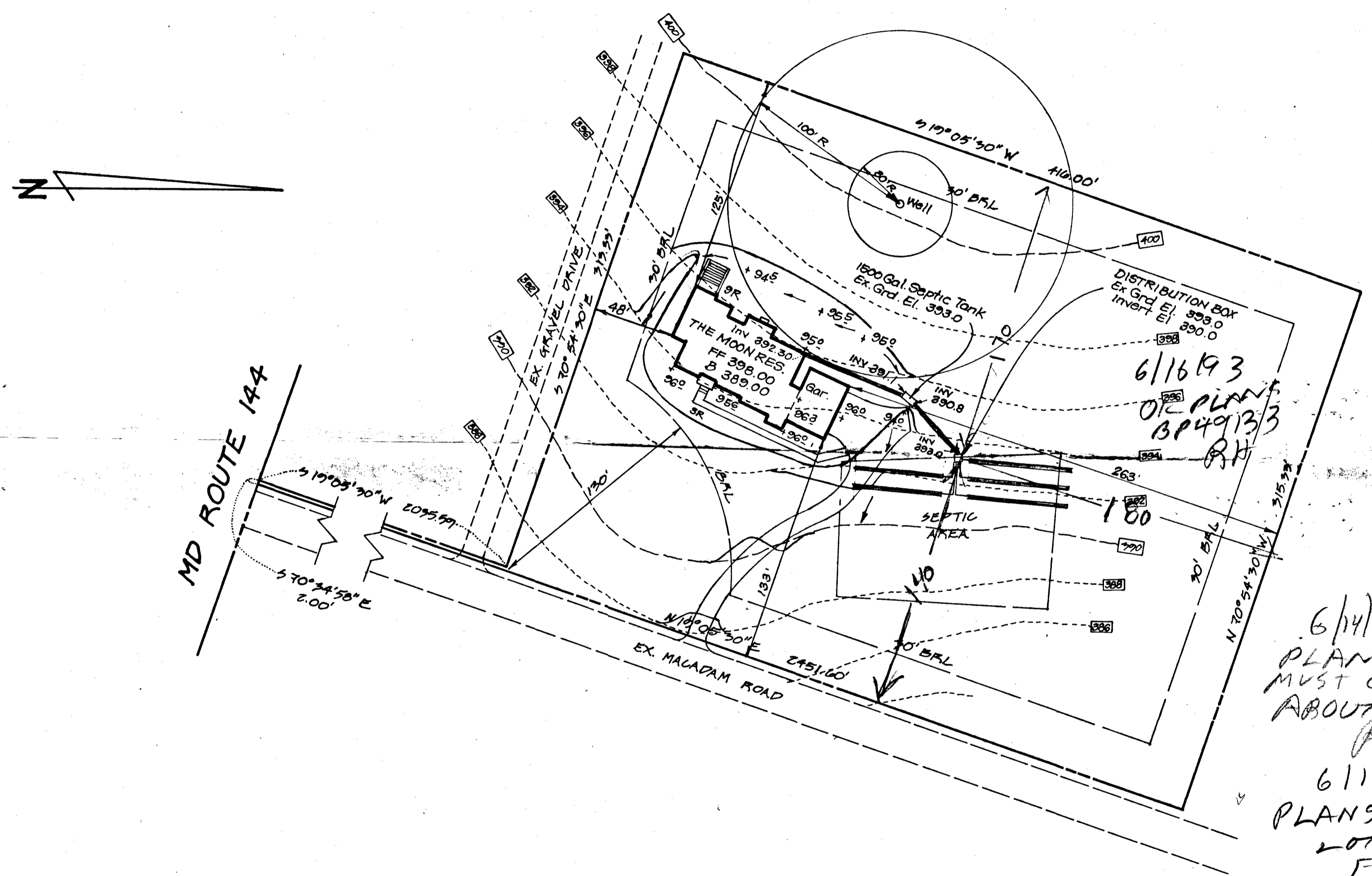
Being Revised Lot 18, King's Gift, which has been created in accordance with Section 15.127.D. of the Howard County Subdivision and Land Development Regulations. No additional parcels of land have been created.

Together with and subject to a right-of-way of 66 feet wide as described in Liber 1833, Folio 657.



**LEGEND**

CONTOUR INTERVAL	2 FT.
EXISTING CONTOUR	-----
PROPOSED CONTOUR	-----
SPOT ELEVATION	x 99.22
DIRECTION OF DRAINAGE	→



**NOTES**

- Existing topography was field run by Clark FineFrock & Sackett, Inc. 6-1-93
- Length of trenches to be determined at time of permit issuance
- 5 Bedrooms
- Basement will not sewer by gravity.

6/14/93  
 PLANS REJECTED  
 MUST CALL ENGINEER  
 ABOUT LOT LINE SHIFT  
 RH  
 6/16/93  
 PLANS OK INFORMATION ABOUT  
 LOT LINE CHANGE OBTAINED  
 FROM ENGINEER  
 BP 49133 RH

 <b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED J.M.E.	<b>SITE DEVELOPMENT PLAN</b> LOT #19 <b>KING'S GIFT</b> 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 50'
DRAWN M.R.		DRAWING 1 of 1
CHECKED J.M.E.		JOB NO. 93-111
DATE June, 1993	FOR: DORSEY CONTRACTORS 13070 OLD FREDERICK RD. SIKESVILLE, MD. 21784	FILE NO. 93-111-X