

PERMIT

03-283801

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE INDEXED

P 510107

A 41438

DISTRICT 3rd

DATE 4-22-98

DATE SYSTEM APPROVED 5/20/98

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXX~~ 410-313-2640

Rawcon IS PERMITTED TO INSTALL ALTER

ADDRESS 2575 Sand Hill Rd, Ellicott City, MD 21042 PHONE 410-988-9660

SUBDIVISION Kings Gift LOT 34 ROAD 11541 EAST WINCHESTER LANE
~~11732 Frederick Road~~

PROPERTY OWNER Signature Custom Homes, Inc.

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

75
34
44
68

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 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 170 feet from the North lot line which is closest to Route I-70 and 165 feet from the West lot line. Run trenches along contour in in both directions.

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

PLANS APPROVED BY C. Williams/Mark Rifkin DATE 01/30/98

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

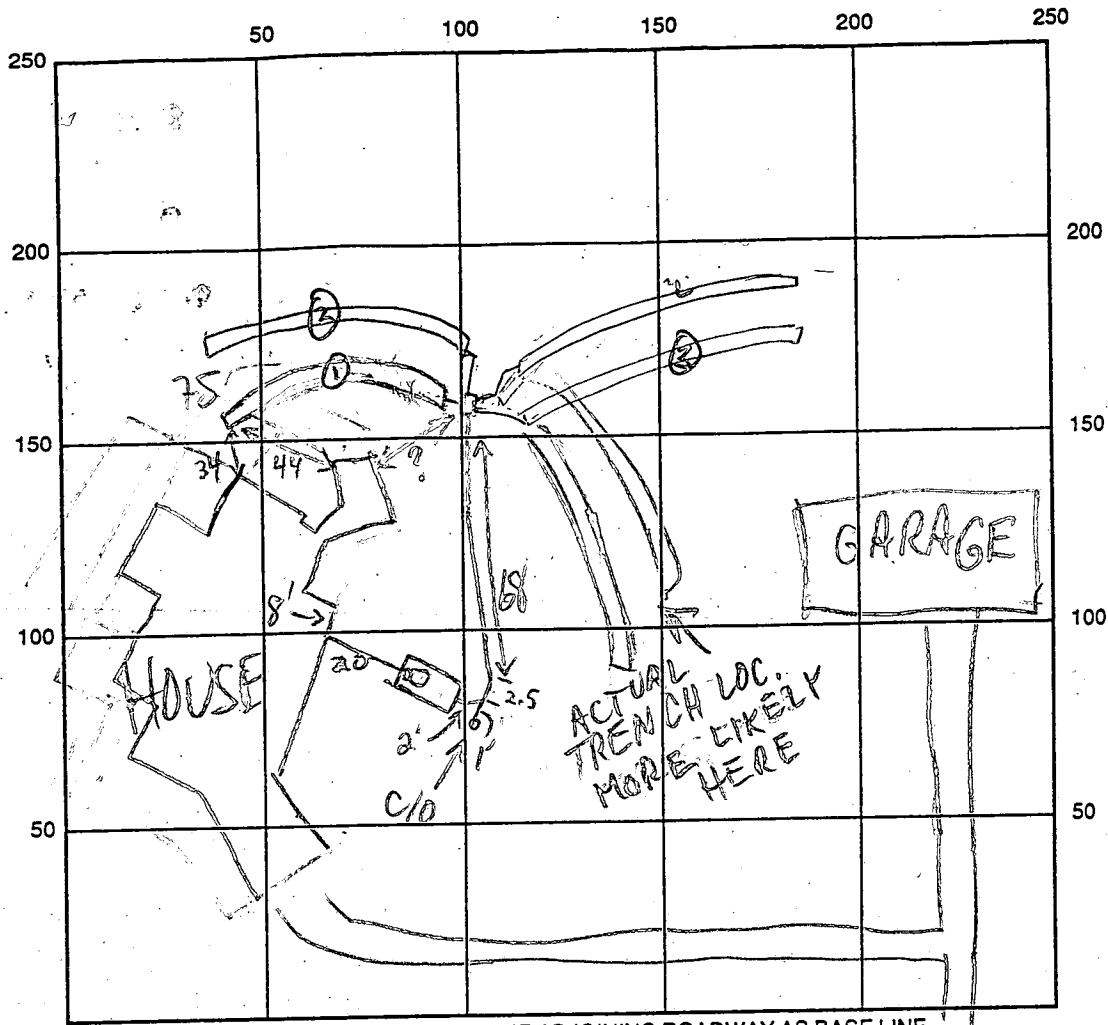
PERMIT VOID AFTER TWO YEARS

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**

A 41438



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - OK

CLEANOUTS 8" AND MH ON S.T.

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH 5 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH 4 x 70 FT. → 280'

NUMBER OF TRENCHES 4

ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT.

EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 4/28/98 S.T. SET - OK

5/7/98 TRENCH ① AND DIST. BOX OK (MR)

5/20/98 FINAL INSP - OK TO COVER ALL WORK, DKS

DATE SYSTEM APPROVED 5/20/98

INSPECTOR Souma R. [Signature]

4/28/98
5/4/98 10 AM
5/5/98 PM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510107

A 41438

DISTRICT 3rd

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXXXX~~ 410-313-2640

DATE 4-22-98

DATE SYSTEM APPROVED 5/7/98

INSPECTOR M. Rifkin

(Russ Wiebking)

Rawcon

page 410-232-3400

IS PERMITTED TO INSTALL ALTER

ADDRESS 2575 Sand Hill Rd, Ellicott City, MD 21042 PHONE 410-988-9660

SUBDIVISION Kings Gift LOT 34 ROAD 11732 Frederick Road

PROPERTY OWNER Signature Custom Homes, Inc.

ADDRESS Rob Riley 410-241-6800

SEPTIC TANK CAPACITY 1000 GALLONS TOP SEAMED GARAGE - PUMPED SEPTIC SYSTEM
INSTALL: 1000 Gallon Pump Pit Top Seamed

NUMBER OF BEDROOMS _____

_____ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 100

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box at the center of the lowest edge of the septic easement. Run trench on contour toward driveway access.

NOTES - Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK/MR*

PLANS APPROVED BY Mark Rifkin DATE 2/11/98

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

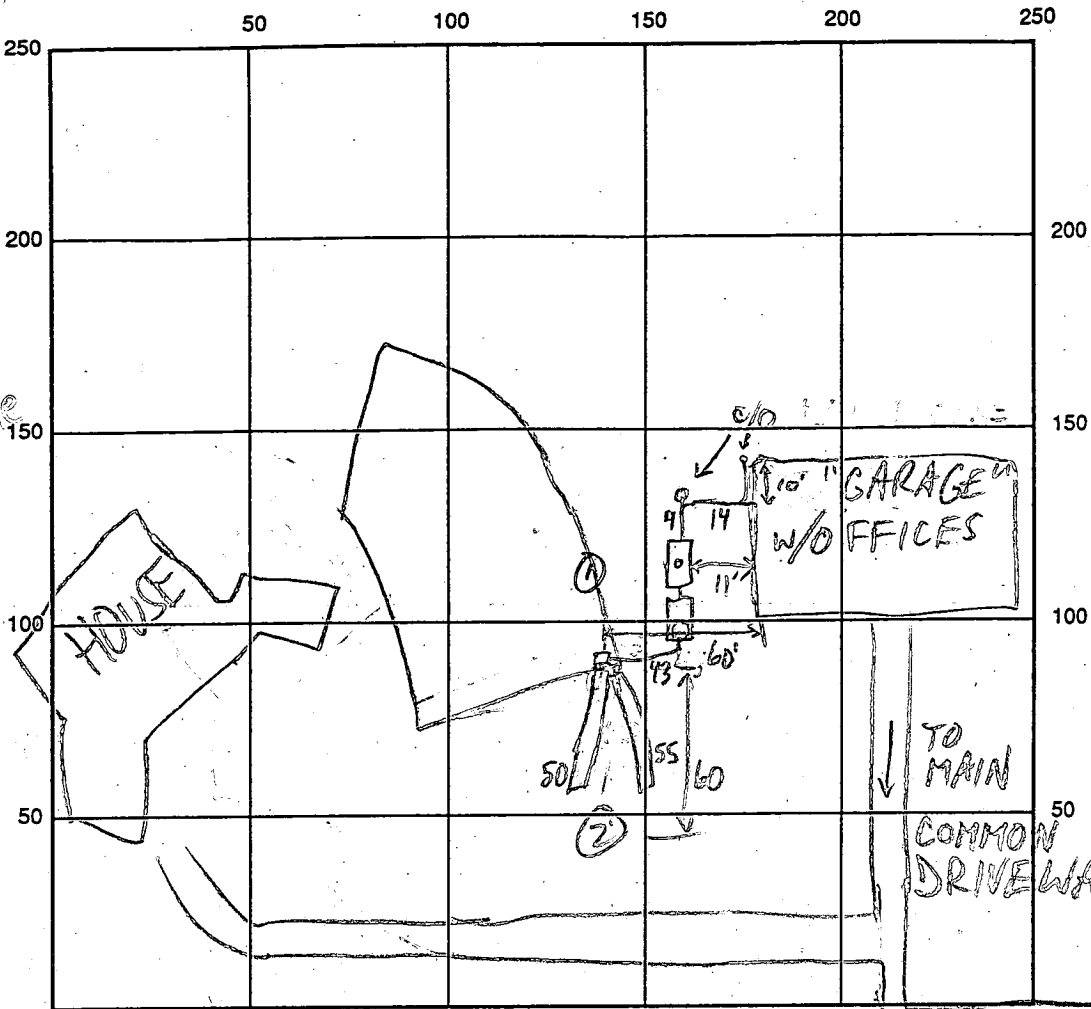
PERMIT VOID AFTER TWO YEARS

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**

A



①
 2
 7
 12
 TREE
 SA LM
 TAMBERCE
 SA LM
 TAMBERCE
 SA LM
 SCHISTOSE
 FRAGS

②
 3
 9
 BRN
 CL LM
 BRN
 TAN
 SA LM
 45% FRAGS

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1000 GAL TOP SEAMED PUMPPIT 8" ON S.T.
1000 GAL TOP SEAMED CLEANOUTS MANHOLE ON PUMP PIT

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 4/28/98 "GARAGE" IS ACTUALLY OFFICE BLDG (~8 EMPLOYEES) -
STOP WORK (MR) 5/4/98 OK TO CONTINUE (BLDG OK); PERC HOLE ①
DUG FOR H₂O TABLE - OK; PERC HOLE ② @ OWNER'S REQUEST - OK TO
EXPAND SYSTEM (MR) 5/5/98 TRENCH RUNNING UPHILL - STOP WORK MR
5/6/98 TRENCH LOC. & DESIGN APPROVED CW/MR 5/7/98 PUMP & ALARM -
OK (MR)

DATE SYSTEM APPROVED 5/2/98 INSPECTOR M. Ripkin

APPLICATION

PERCOLATION TESTING

A 41438

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

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.

SIGNATURE CUSTOM HOMES, INC

PROPERTY OWNER 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. 34

ROAD AND DESCRIPTION North on Route 144, East of Thompson Drive (11732 Frederick Road)

TAX MAP 16 PARCEL # 350, 351

SIZE OF LOT 9.009 Ac ± TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 1-30-88
Serial # B7010957
4 Ben

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.

Robert F. Lane (Agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6/30/88 Permit OK for shallon

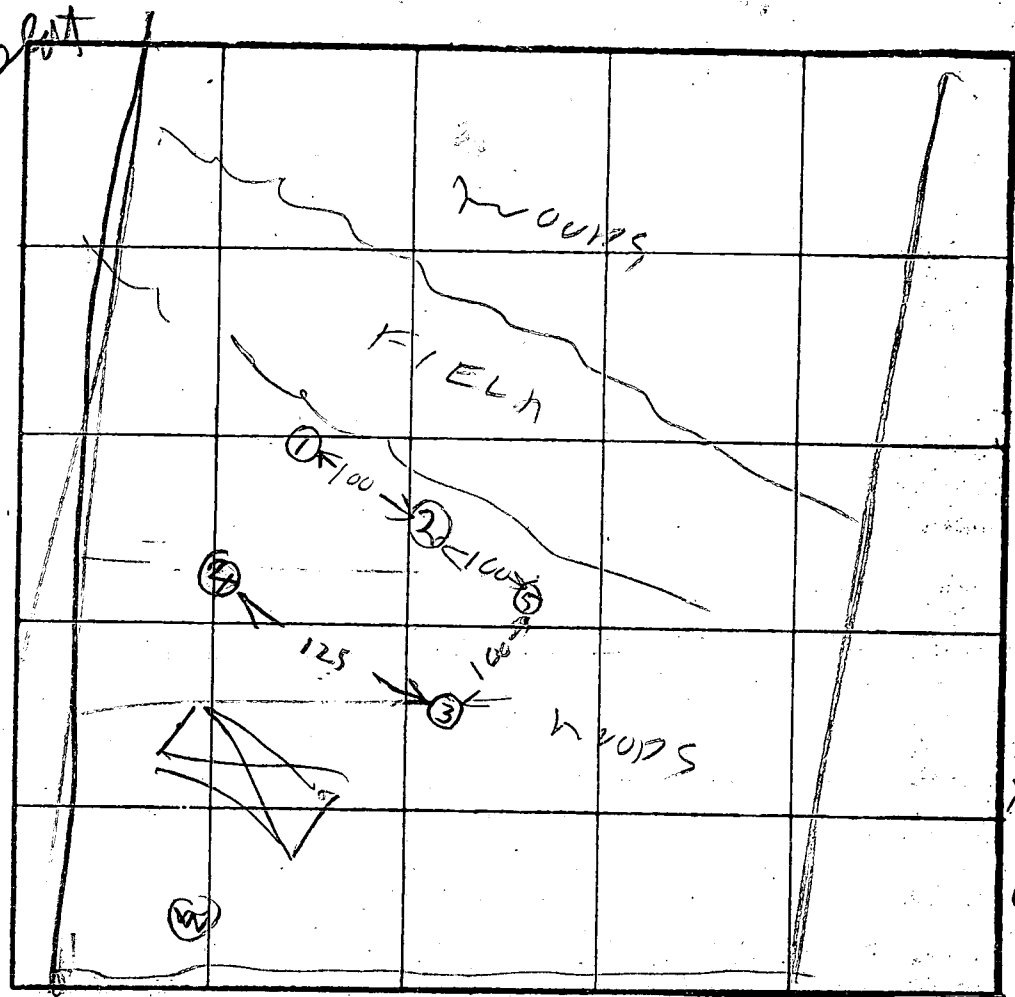
Hold for Plat B/D

BLDG. PERMIT SIGNED
AND RETURNED 2-4-88
Serial # B7010957
2 Story garage

THIS IS NOT A PERMIT

KINGS GIFT
LOT 34 see plat

SOIL PROFILE
4
BROWN CLAY
RED BROWN SAND LOAM & FEW ROCKS
11.5



5
BROWN RED CLAY
3
ORANGE BROWN SAND LOAM
9 ROCK BOT
Hole Elevation
⊙ HIGH
⊙ LOW
X PERC 7min
180 #/BA
INLET 3.5
BOTTOM 50

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

2
BROWN & RED CLAY
4
RED BROWN SAND LOAM

3
BROWN RED CLAY
4
BROWN RED SAND LOAM

4
BROWN RED CLAY
3
BROWN ORANGE SAND LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/30/88	1S	5	133	134	134	1136	2
	2V	11.5	OK				
6/30/88	2S	11	138	142	142	147	5
	2V	5	OK				
	3S	4	150	153	153	159	3
	3V	7	150	153	153	158	3
	3V	10	OK				
	4V	11	OK				
	5S	4	201	207	207	223	15
	5V	9	OK				

REMARKS: Hole Digger Survey Plat

TYPE OF SOIL: _____
TESTED BY: R. HODGES

ALSO PRESENT: DAVE O'KEEFE

Riley

c.s. const.)

On 4/28, ~~Depth~~ ^{all} a stop work order was issued for ~~cond.~~ @ a.s. prop.

On that occasion it was observed that the garage ~~has~~ under const. presents significant

s.s. flow concerns. Eval. of the garage

interior suggests that the potential ^{sewage} flow could be much greater than ~~he~~ was suggested @ ^{the} BL

review. ~~Measurements~~

531-0177 Fax

400-240-6000



HOWARD COUNTY HEALTH DEPARTMENT

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

September 22, 1998

Signature Custom Homes
c/o Robert Riley
5225 Columbia Road
Columbia, MD 21044

RE: King's Gift, Lot 34
11732 Frederick Road

Dear Mr. Riley:

This is to advise that the septic system for the residence at the referenced property was installed, inspected and approved on May 20, 1998.

This is to advise that the septic system for the garage at the referenced property was installed, inspected and approved on May 7, 1998.

The residence and garage are served by public water.

Approving Authority,

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

MR
cc: Building Inspector's Office
File

Robert L. Riley, Jr.

11732 Frederick Road
Ellicott City, Md. 21042
410.407.3500
410.997.5767 Fax

June 10, 1998

Ms. Avis Corbin
Howard County office of permits
3430 Court House Drive
Ellicott City, Md. 21043

Re: **Building permit 109577**
Lot 34 Frederick Road
Kings Gift

Please accept the attached revised plans and location survey for the above permit. We have extended the foot print as noted on both the revised plans and location survey.

Thank you for your assistance in this matter.

Sincerely,

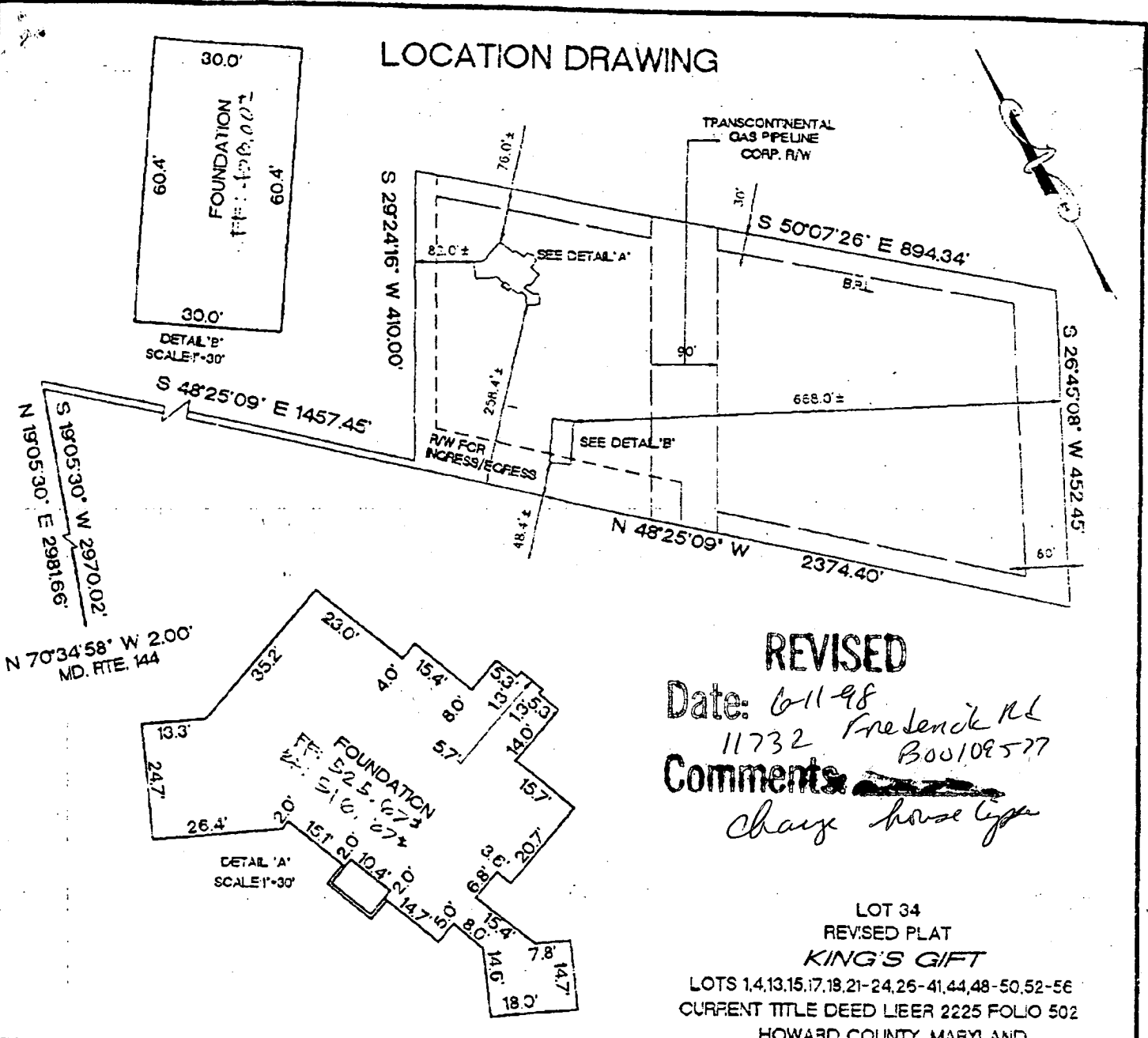

ROBERT L. RILEY, Jr.

6/10/98

Note: Please review
and sign-off again
to cornerstone

cc DPZ
Eng
Heath
Department Control
Pls - Review

LOCATION DRAWING



REVISED

Date: 6-11-98
 11732 Frederick Rd
 Comments: ~~Change house type~~
 BOO108577
 Change house type

LOT 34
 REVISED PLAT
KING'S GIFT
 LOTS 1,4,13,15,17,18,21-24,25-41,44,48-50,52-56
 CURRENT TITLE DEED LIEB 2225 FOLIO 502
 HOWARD COUNTY, MARYLAND

1. THE LOT SHOWN HEREON LIES WITHIN ZONE "C" AREA OF MINIMAL FLOODING AS DETERMINED BY FLOOD INSURANCE RATE MAP FOR HOWARD COUNTY, MARYLAND PANEL NO. 240044 0016 B DATED EFFECTIVE 12/4/86.
2. THE PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING, OR REFINANCING.
3. THE PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
4. THE 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.

THIS IS TO CERTIFY THAT I HAVE LOCATED THE IMPROVEMENTS ON THE LOT SHOWN HEREON, AND THAT SAID IMPROVEMENTS EXIST.

Henry J. Kull 6-5-98

THE LEVEL OF ACCURACY AND ACCURACY OF APPARENT SETBACK DISTANCES IS: 1 ±



Colbert Matz Rosenfelt, Inc.

Engineers • Surveyors • Planners
 2835 SMITH AVENUE, SUITE G
 Baltimore, Maryland 21209
 Telephone: (410) 553-3938
 Facsimile: (410) 653-7953



SCALE: 1"=200'

DATE: 02/23/98



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer
February 4, 1998

MEMORANDUM

TO: Signature Custom Homes
c/o R. Riley
5225 Columbia Road
Columbia, MD 21044

FROM: Mark Rifkin, R.S. *MR*
Water and Sewerage Program

RE: BP # B00109717, Proposed Garage
BP # B00109571, Proposed 4BR Dwelling
King's Gift, Lot 34
11732 Frederick Road

This is to advise that the Health Department has recently recommended approval of the above referenced building permit applications. Please be aware of the following conditions related to future uses and permit processes:

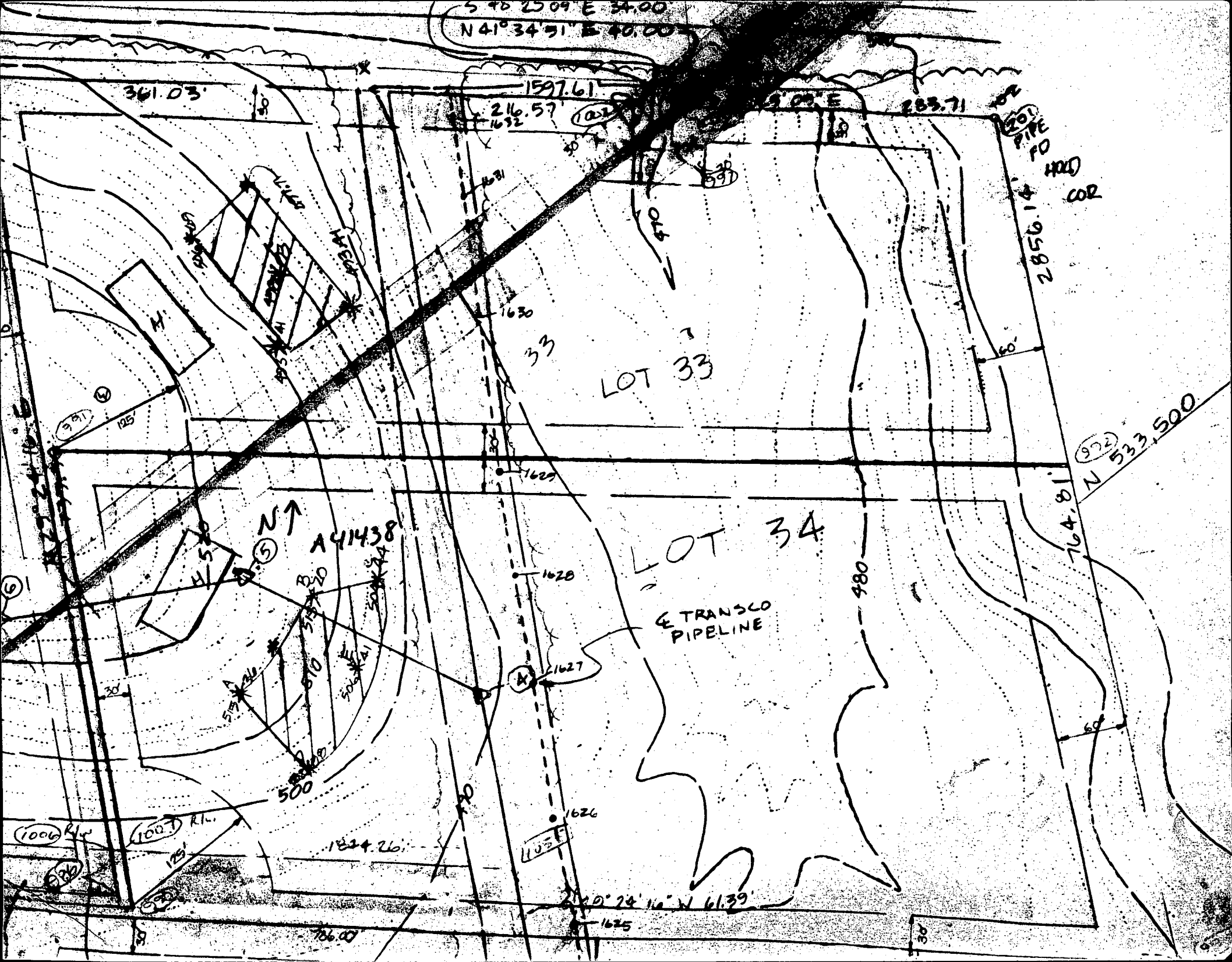
The Health Department's recommendation for approval of the application for the garage is contingent upon the structure being used and occupied only as a garage. Any proposed change in use to a dwelling would require further approval from this office and the Department of Inspections, Licenses and Permits. In order to initiate such review by this office, the proposal and percolation testing of an additional 10,000-square foot sewage easement would be expected.

Other issues related to the two septic systems as currently designed include:

1. A copy of the certified location drawing (i.e., wall check) for each structure shall be submitted to this office to allow sufficient review time prior to septic permit issuance.
2. Corners of the approved septic area should be staked by a licensed surveyor/engineer prior to system installation.
3. No grading shall be performed over any portion of the approved septic easement, unless specifically approved by the Health Department.

cc: Kevin Wight, Colbert Matz Rosenfelt, Inc.
File

S 46° 25' 09" E 34.00
N 41° 34' 51" E 40.00



361.03'

1597.61'

283.71'

216.57'

2856.14'

LOT 33

LOT 34

E TRANSSCO PIPELINE

N 53° 33' 50.00"

N ↑

A 411438

B 320

510

510

510

510

510

510

510

(1006) R.L.

(1007) R.L.

1824.26'

S 40° 24' 10" W 61.39'

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

201' PIPE TO HOLD COR

(391)

(103)

(39)

(972)

(6)

(1627)

(1626)

(1625)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1624)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

(1626)

(1625)

(1632)

(1631)

(1630)

(1629)

(1628)

(1627)

③

2/2/98

SEPTIC ELEVATIONS

GARAGE

INVERT ELEV. (OUT OF) GARAGE: 494.9
 EXIST. ELEV. AT SEPTIC TANK: 497.5
 INVERT ELEV. (INTO) SEPTIC TANK: 494.5
 INVERT ELEV. (OUT OF) SEPTIC TANK: 494.2
 EXIST. ELEV. AT PUMP CHAMBER: 498.5
 INVERT ELEV. (INTO) PUMP CHAMBER: 494.0
 EXIST. ELEV. AT DISTRIBUTION BOX: 505.0
 INVERT ELEV. (INTO) DISTRIBUTION BOX: 502.0
 EXIST. ELEV. AT TRENCH / INVERT ELEV. (INTO) TRENCH:
 TRENCH 5: 503.5 / 500.5

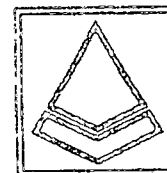
THIS PLAN TO ACCOMPANY APPLICATION FOR SEPTIC SYSTEM/PLUMBING PERMIT FOR THE PROPOSED GARAGE.

SITE GRADING PLAN KING'S GIFT (LOT 34)

CURRENT TITLE DEED LIBER 2225 FOLIO 502
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

Colbert Matz Rosenfelt, Inc.

*Engineers * Surveyors * Planners*
 2835 Smith Avenue, Suite G
 Baltimore, Maryland 21209
 Telephone: (410) 653-3838
 Facsimile: (410) 653-7953



	5	02/03/98	ADDED GARAGE SEPTIC SYSTEM REMOVED SEPT. SYS. FOR HOUSE(+)	KW	SCALE: 1" = 50'
					DATE: October 28, 1997
	4	02/03/98	REV'D SEPTIC LAYOUT & CHART FOR HOUSE	KW	JOB NO.: 97165
					DESIGNED:
	3	07/31/98	ADDED SEPTIC SYS. & ELEV. CHART FOR HOUSE	KW	DRAWN: KP
					CHECKED: RM
	2	01/21/98	REVISED L.O.D. TO MAX. OF 30000 SQ. FT.	SLD	FILE: 97165SS2.DWG
					DRAWING NUMBER:
BE	1	12/31/97	ADDED SED. CON./L.O.D	SLD	

Total linear feet of trench required 100 feet

Width of trench(es) 3 feet

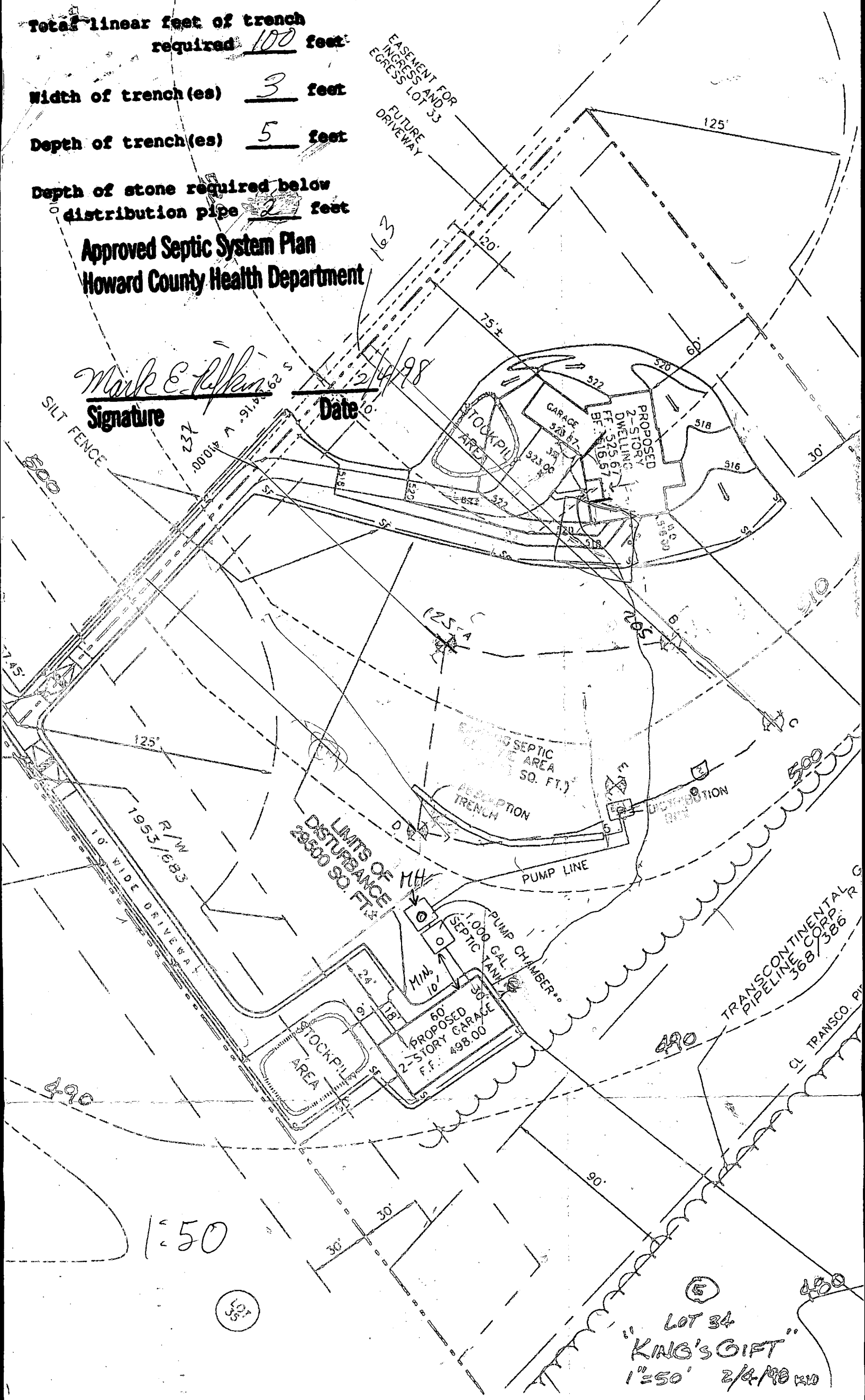
Depth of trench(es) 5 feet

Depth of stone required below distribution pipe 2 feet

Approved Septic System Plan
Howard County Health Department

Mark E. Rosenfelt
Signature

2/4/98
Date

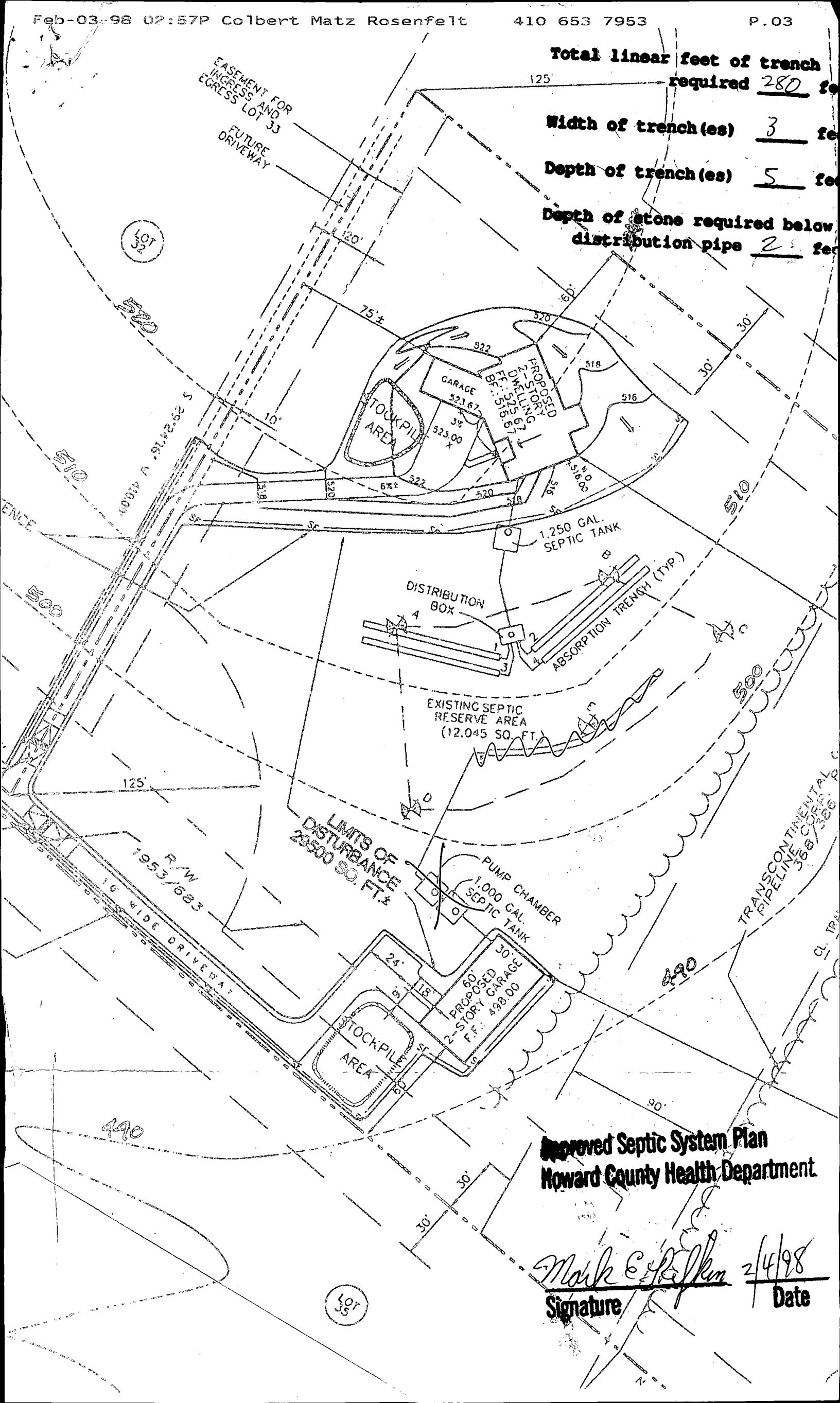


1:50

LOT 34

LOT 34
"KING'S GIFT"
1"=50' 2/4/98 RW

Total linear feet of trench required 280 feet
 Width of trench (es) 3 feet
 Depth of trench (es) 5 feet
 Depth of stone required below distribution pipe 2 feet



Approved Septic System Plan
Howard County Health Department

Mark E. Rosenfelt 2/4/98
 Signature Date

SEPTIC ELEVATIONS - HOUSE

INVERT ELEV. (OUT OF) HOUSE: 514.0
 EXIST. ELEV. AT SEPTIC TANK: 517.5
 INVERT ELEV. (INTO) SEPTIC TANK: 513.5
 INVERT ELEV. (OUT OF) SEPTIC TANK: 513.2
 EXIST. ELEV. AT DISTRIBUTION BOX: 514.8
 INVERT ELEV. (INTO) DISTRIBUTION BOX: 511.8
 EXIST. ELEV. AT TRENCH / INVERT ELEV. (INTO) TRENCH:
 TRENCH 1: 512.8 / 509.8
 TRENCH 2: 512.8 / 509.8
 TRENCH 3: 512.0 / 509.0
 TRENCH 4: 512.0 / 509.0
 TRENCH 5: 511.5 / 509.2
 TRENCH 6: 511.2 / 509.1

Signature *Mark E. Filbin*
 Date *1/30/98*

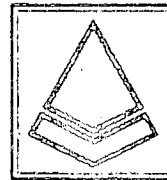
Approved Septic System Plan
 Howard County Health Department

SITE GRADING PLAN KING'S GIFT (LOT 34)

CURRENT TITLE DEED LIBER 2225 FOLIO 502
 3RD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

Colbert Matz Rosenfelt, Inc.

Engineers * Surveyors * Planners
 2835 Smith Avenue, Suite G
 Baltimore, Maryland 21209
 Telephone: (410) 653-3838
 Facsimile: (410) 653-7953



				SCALE: 1" = 50'
				DATE: October 28, 1997
				JOB NO.: 97165
				DESIGNED:
				DRAWN: KP
				CHECKED: RM
3	01/30/98	ADDED SEPTIC SYS. & ELEV CHART	KW	FILE: 97165SIT.DWG
2	01/21/98	REVISED L.O.D. TO MAX. OF 30000 SQ. FT.	SLD	DRAWING NUMBER:
1	12/31/97	ADDED SED. CON./L.O.D.	SLD	
NO	DATE	REVISIONS:	BY	SHEET 1 OF 1

C:\PMG\97165SIT 1-30-98 4:37:48 pm EST