

LAYOUT _____ INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 12/4/2003

APPROVAL DATE: 3/14/05

PERMIT

INDEXED

03283453

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

P 519690

A 516497

K & K Excavating IS PERMITTED TO INSTALL ALTER

ADDRESS: 14960 Frederick Road, Woodbine PHONE NUMBER: 410-442-1336

SUBDIVISION: King's Gift LOT NUMBER: 28

ADDRESS: 11600 West Winchester Lane PROPERTY OWNER: Samuel & Armintia Burrow

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 7

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: ~~140~~ 260 HOUSE SERVED BY PUBLIC WATER

358 required by may ↑ size

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Starting from the front left lot corner, place the distribution box 230' down the left (659.74') lot line and 155' off this same lot line. Run trenches on contour to front of lot as shown on plan.
NOTES:	Inlet of highest trench at 2.5' below original grade, bottom at 4.5' below original grade. Other trenches as specified above.

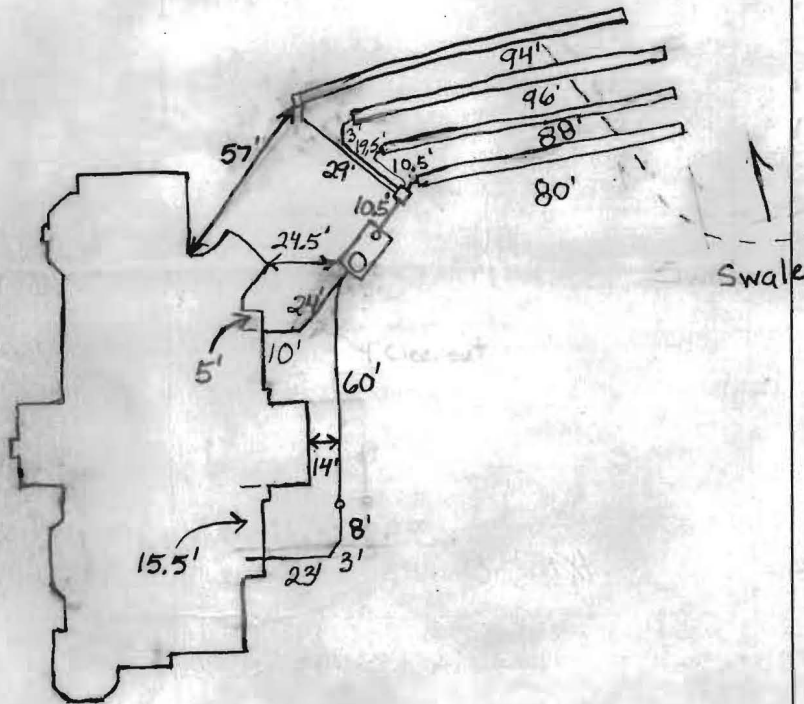
PLANS APPROVED: MER OK SRK 12/4/03 DATE: 4/18/03

NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM
DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

*12/10/03 - recalculated Linear feet of trench - is 358
House occupied by seven children and
two adults. May ↑ +lf of trench. KN*

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
<u>3'</u>	<u>2'</u>	<u>4'</u>
NUMBER OF TRENCHES		<u>4</u>
TOTAL LENGTH		<u>358'</u>
ABSORPTION AREA		<u>1074 + Sidewall</u>
DISTRIBUTION BOX LEVEL		<u>Yes</u>
DISTRIBUTION BOX BAFFLE		<u>Yes</u>
DISTRIBUTION BOX PORT		<u>No</u>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<u>✓</u>
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>6"</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Front</u>
6" PORT LOC	<u>Rear</u>
WATERTIGHT TEST	<u>No</u>
SEPTIC TANK 2 LEVEL	<u>N/A</u>
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION 11/15/04 K+K wanted to lengthen and extend trenches outside of easement so that only 4 trenches are needed. Told INSTALLATION then it was O.K. as long as soil looked good. Tank hole dug. (BB) 11/16/04 K+K ran the trenches off contour. End of trenches in a swale. Went too far out of easement. They did save some repair room however. Repair area is limited. Need cleanout on rear of tank, need second house connection and 18" of cover over house connections. (BB) 3/14/05 System done. O.K. to backfill. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 3/14/05

R=3669.72

L=449.99

KEEP IN FILE

75'

ChB2

B.R.L

Ba

LOT 28
5.2658 AC. ±

ChC2

Ba

ChB2

AERIAL TOPOGRAPHY

FIELD-RUN TOPOGRAPHY

AERIAL TOPOGRAPHY

FIELD-RUN TOPOGRAPHY
AERIAL TOPOGRAPHY

PRETREATMENT FACILITY (SEE STORMWATER MAN. PLAN)

ChC2

PROPOSED HOUSE
FF=538.00
BE=527.15

659.74

614.52

S19°05'30" W

PROP. GAR.
EA=536.00

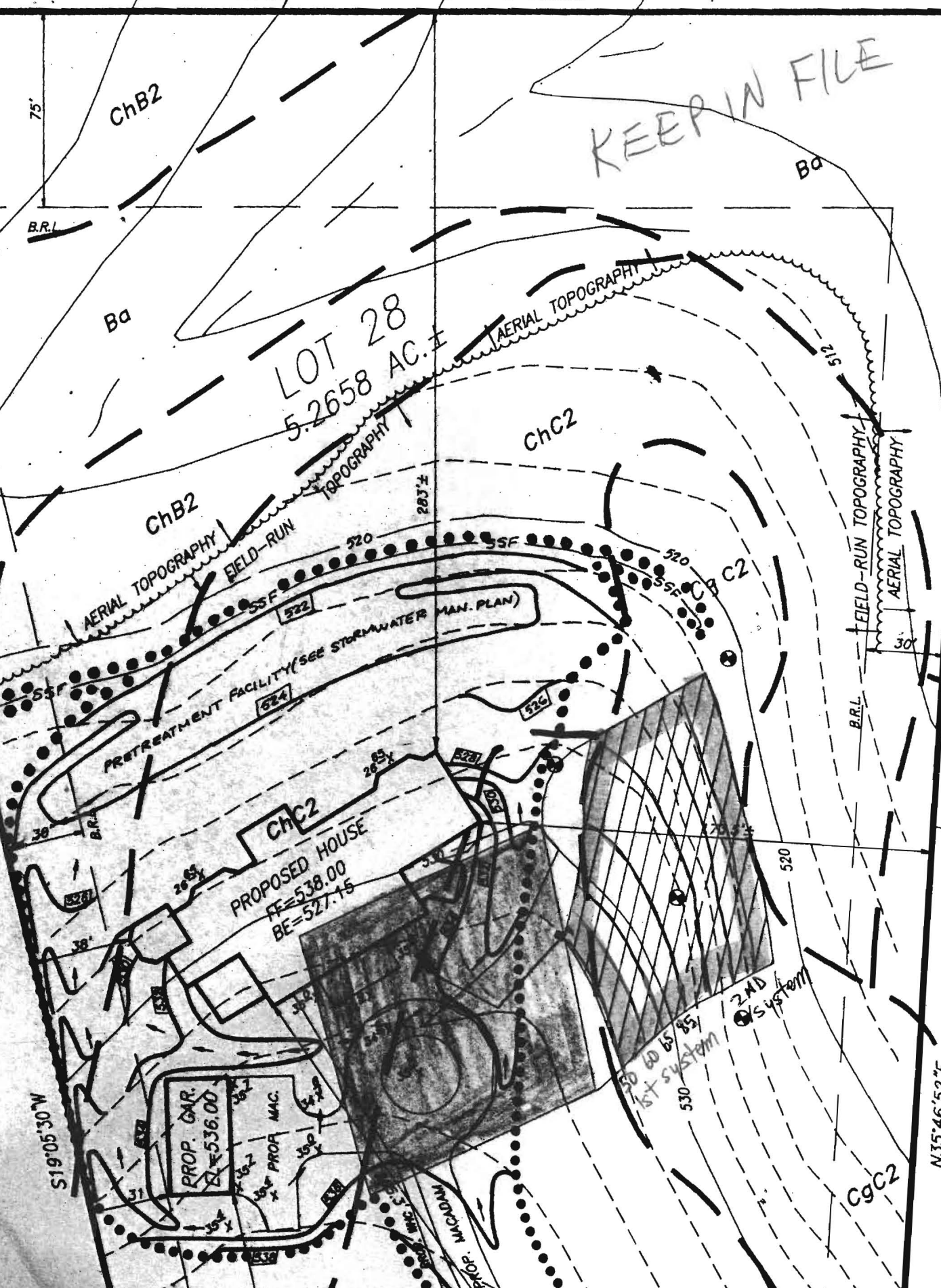
PROP. MAC.

N35°46'52" E

ChF

C9C2

1st system
2nd system



NOTES:

1. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INSOFAR AS IT IS REQUIRED BY A LEYDER 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 OR 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: 0.5'
6. ACCURACY OF ELEVATIONS: 0.5'

THE PROPERTY SHOWN HEREON LIES IN ZONE C AS SHOWN ON FLOOD INSURANCE RATE MAP NO: 240044 0016B DATED: DEC. 4, 1986

LOT 27

L.5496/F.71
LOT 28
5.2658 AC.±

ROUTE 40/70
(R/W WIDTH VARIES)

L=449.99

PRIVATE SEPTIC ESMT.
PER APPROVED EROSION
& SEDIMENT CONTROL
PLAN

SEE DETAIL

POURED CONC.
FOUNDATION
(TOP OF WALL WHERE
GAR. DOOR WILL BE
FL. 537.62) ±

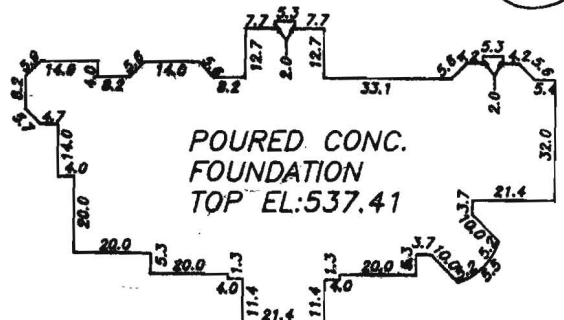
LOT 29

12/4/03 -
Wall Check
on (SRN)

EXISTING INGRESS &
EGRESS EASEMENT
L. 2226, T. 1868, R.L.

EXISTING
WATER AND UTILITY
EASEMENT PLAT NO.
12472

MD. ROUTE 144



POURED CONC.
FOUNDATION
TOP EL: 537.41

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.

FOUNDATION LOCATION DRAWING

LOT 28
KINGS GIFT

12/4/03
Shanabarger & Lane
SHANABERGER & LANE
8726 TOWN AND COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD. 21043
(410)461-9563 FAX:461-9693

DEED REFERENCE: L.5496/F.71
ELECTION DISTRICT: 3RD
COUNTY: HOWARD
SCALE: 1"=100'
DATE: 12/03/03
DATE OF LATEST FIELD WORK: 12/02/03