

LAYOUT 10/15/07 <sup>(HCO)</sup> INSP 4 10/30/07  
 INSP 2 10/18/07 INSP 5 10/31/07  
 INSP 3 10/19/07 INSP 6 11/1/07

ISSUE DATE: 9/24/07

P 527821

APPROVAL DATE: 11/7/07

**PERMIT**  
*Logged Into Permit Manager* A 524124  
 TAX ID # 05-445000

**ON-SITE SEWAGE DISPOSAL SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 BUREAU OF ENVIRONMENTAL HEALTH**

South Carroll Backhoe IS PERMITTED TO INSTALL  ALTER

ADDRESS: 4410 Salem Bottom Rd (21157) PHONE NUMBER: 410-875-4197

SUBDIVISION: Clarksville Overlook (formerly Macbeth Farm) LOT NUMBER: 8

ADDRESS: 12844 Macbeth Farm Lane PROPERTY OWNER: NV Homes

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

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED: 173

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Locate System as directed by HCHD at the Layout Inspection.
NOTES:	2 sixty foot trenches are recommended. Tertiary repairs may require a pump due to difficulties with fall and gravity that necessitate the distribution box not be placed in the center of the septic reserve area.

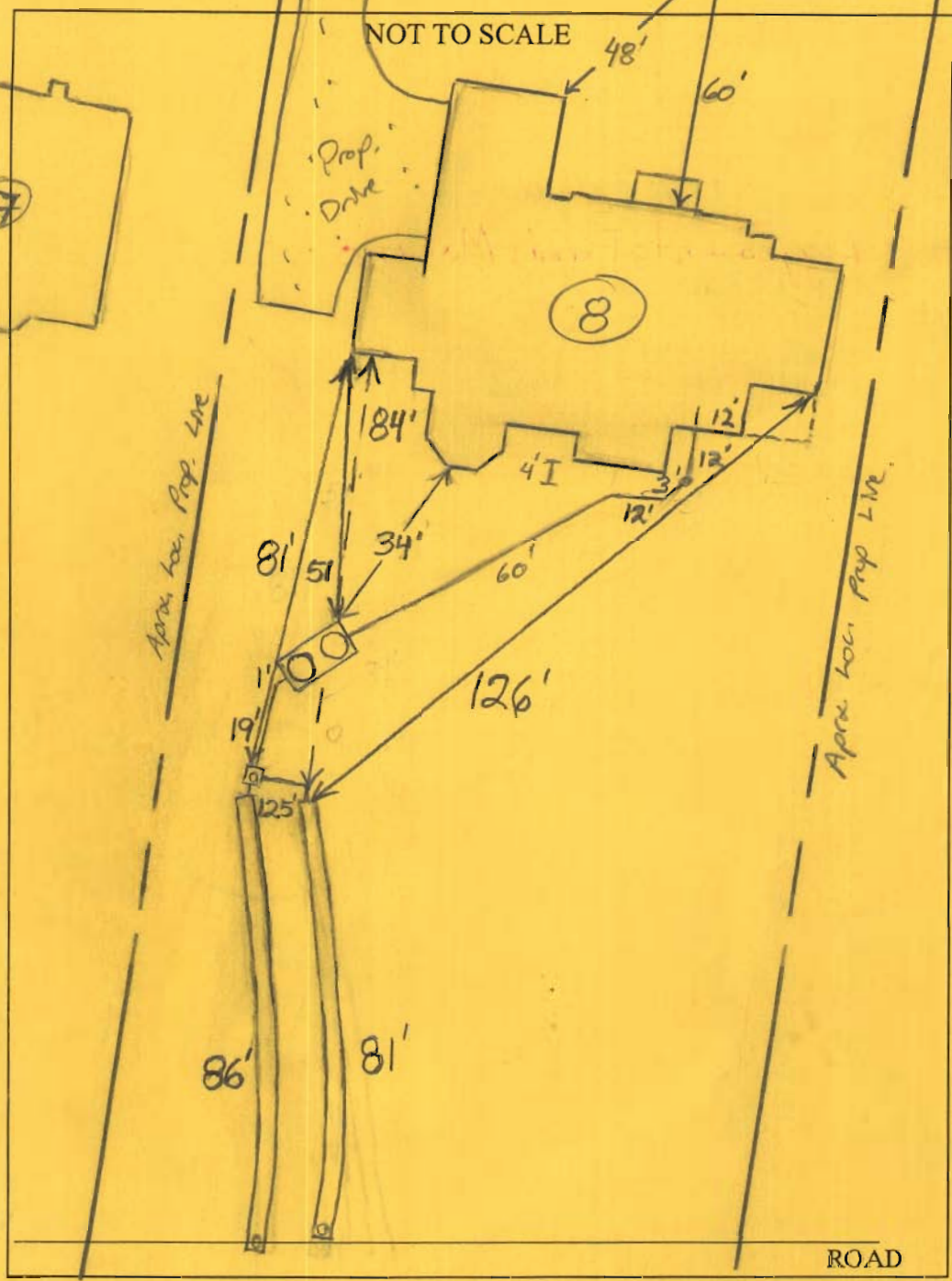
PLANS APPROVED: Gabriel Creighton DATE: 8/1/07

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

**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 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

HO-95-0314

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>167'</u>		
ABSORPTION AREA <u>50'+ Sidewall</u>		
DISTRIBUTION BOX LEVEL <u>Levelers</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<u>Yes</u>
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>2-3'</u>
BAFFLES	<u>Need Rear</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Front/Rear</u>
6" PORT LOC	<u>none</u>
WATERTIGHT TEST	<u>No</u>
<u>Babylon slotted ramp</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  
 10/15/07 SDA located in a very difficult area for contour. Due to field-run/shot contours, Install 2x 86' trenches

as close to contour as instructed @ time of layout. House connection proposed in a different loc as per plan. (KW) 10/18/07 No work done. OK to cover house connection but contractor must supply measurements (BB) 10/19/07 Tank set. Line from house to tank covered when it arrived. (KW) 10/30/07 Nothing got on. Contractor had to dig-up top trench due to excessive rain (KW) 10/31/07 Need to finish lower trench. (BB) 11/1/07 Need rear baffle. everything else finished. (BB) 11/7/07 Rear baffle installed per Ken Schessler. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 11/7/07



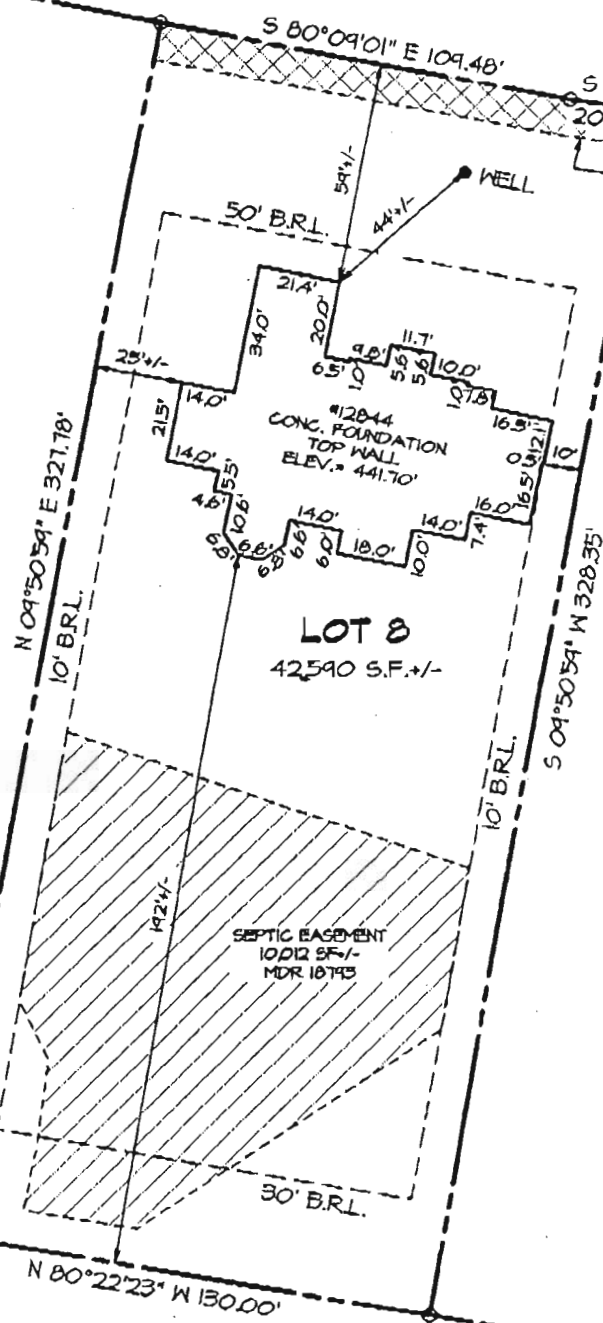


MARYLAND STATE GRID MERIDIAN (NAD 83/11)

MACBETH FARM LANE  
(50' PUB. R/W)

9/24/07  
Wallcheck  
OK - off by  
2.5' vertically.  
**GAC**

LOT 7



LOT 9



ACCURACY LIMITATIONS

LOT BOUNDARY - AS CALLED  
BUILDING DIMENSIONS - +/- 0.2'  
BUILDING TO LAND UNIT LINE - +/- 1'

- 1) THIS LOCATION SURVEY HAS BEEN PREPARED UTILIZING DEEDS, PLATS OF RECORD AND FIELD INSPECTION OF THE SUBJECT PROPERTY ONLY.
- 2) THIS PROPERTY MAY BE SUBJECT TO EASEMENTS AND RIGHTS-OF-WAY OF RECORD THAT MAY OR MAY NOT BE SHOWN HEREON.
- 3) THIS IS A LOCATION SURVEY ONLY AND DOES NOT CONSTITUTE AND IS NOT INTENDED TO BE A BOUNDARY SURVEY. THIS PLAT SHOULD NOT BE RELIED UPON FOR ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER PHYSICAL IMPROVEMENTS.
- 4) THIS 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 RE-FINANCING.

SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE ELEVATIONS SHOWN HEREON ARE CORRECT AND ACCURATE TO + or - 0.05' OF VALUES SHOWN AND WERE DETERMINED FROM A FIELD RUN SURVEY UTILIZING THE PROJECT VERTICAL DATUM AND PERFORMED UNDER MY DIRECT SUPERVISION ON SEPTEMBER 4, 2007.

NON-BUILDABLE ENVIRONMENTAL PRESERVATION PARCEL 'C' MDR 18793

*Kenneth L. Evans Jr.*  
KENNETH L. EVANS JR.  
PROFESSIONAL LAND SURVEYOR  
MD. REG. NO. 21085  
DATE: 9/14/2007



MORRIS & RITCHIE ASSOCIATES, INC.  
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AS-BUILT FOUNDATION PLAN  
MACBETH FARMS  
12844 MACBETH FARM LANE  
LOT #8  
PLAT M.D.R. NO. 18793  
5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
FOR: N.V. HOMES

SCALE: 1" = 50 DATE: 9/1/2007 DRAWN BY: JC REVIEW BY: KLE JOB NO. 14448