

LAYOUT 10/25/07 INSP 4 11/7/07
 INSP 2 11/1/07 INSP 5 _____
 INSP 3 11/5/07 INSP 6 _____

ISSUE DATE: 9/24/07

Logged Into Permit Manager P 527818
PERMIT

APPROVAL DATE: 11/8/07

A 518543

TAX ID # 05-445043

**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 LOT NUMBER: 12

ADDRESS: 12860 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: 4

*Trenches 2' Wide
 Inlet 5', Bottom 9'
 4' of Stone Below Pipe*

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: ~~2072~~ 165' → 50', 55' + 60' Trenches

TRENCHES:	Trench to be 30 feet wide. Inlet 40 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 7.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Install (4) x 50' + length trenches at the highest portion of the SDA.
NOTES:	

PLANS APPROVED: Gabriel Creighton DATE: 8/9/2007

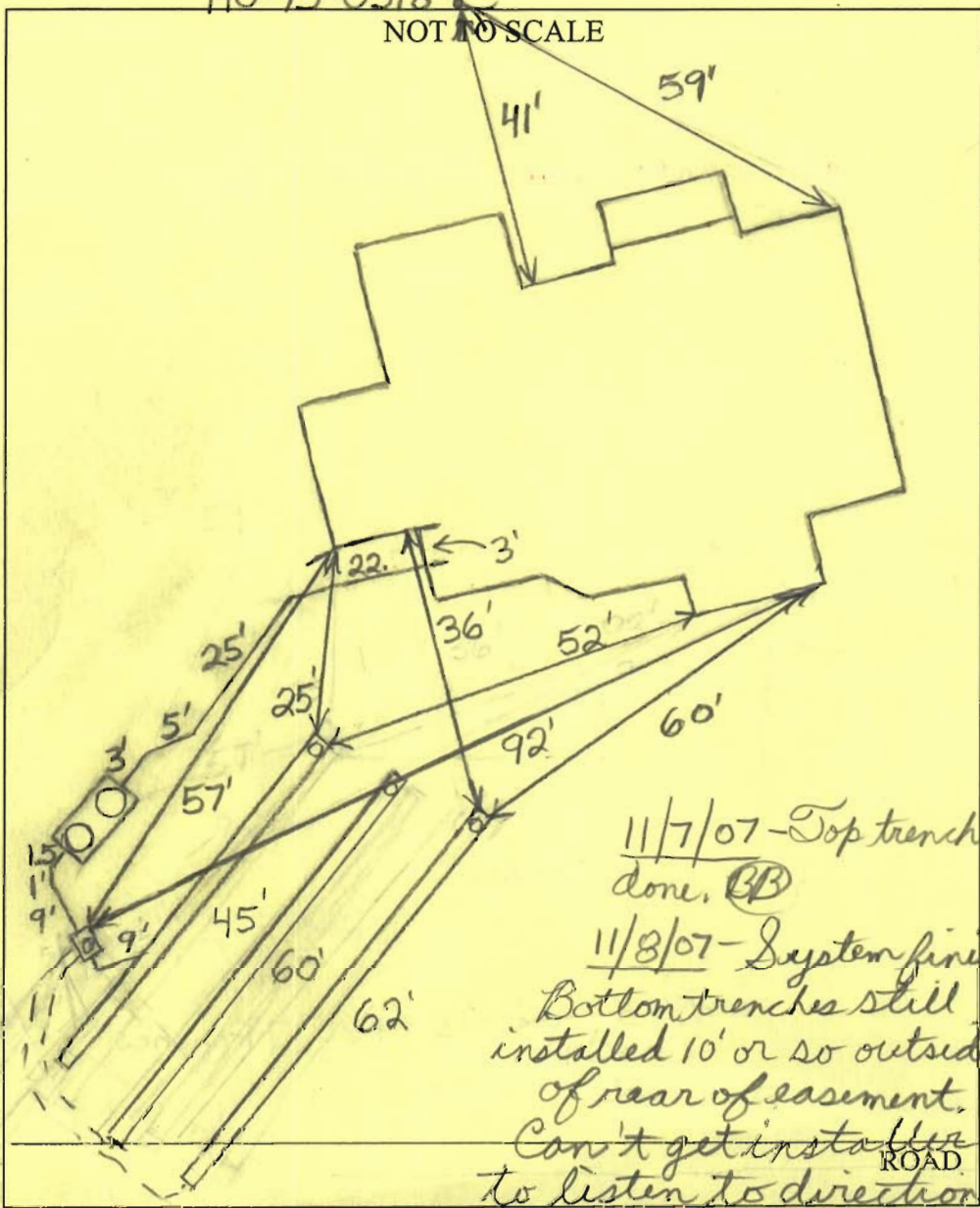
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND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

A 518543

HO-95-0318

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	5'-6'	9'
NUMBER OF TRENCHES	3	
TOTAL LENGTH	167'	
ABSORPTION AREA	330	
DISTRIBUTION BOX LEVEL	Levelers	
DISTRIBUTION BOX BAFFLE	Yes	
DISTRIBUTION BOX PORT	Yes	

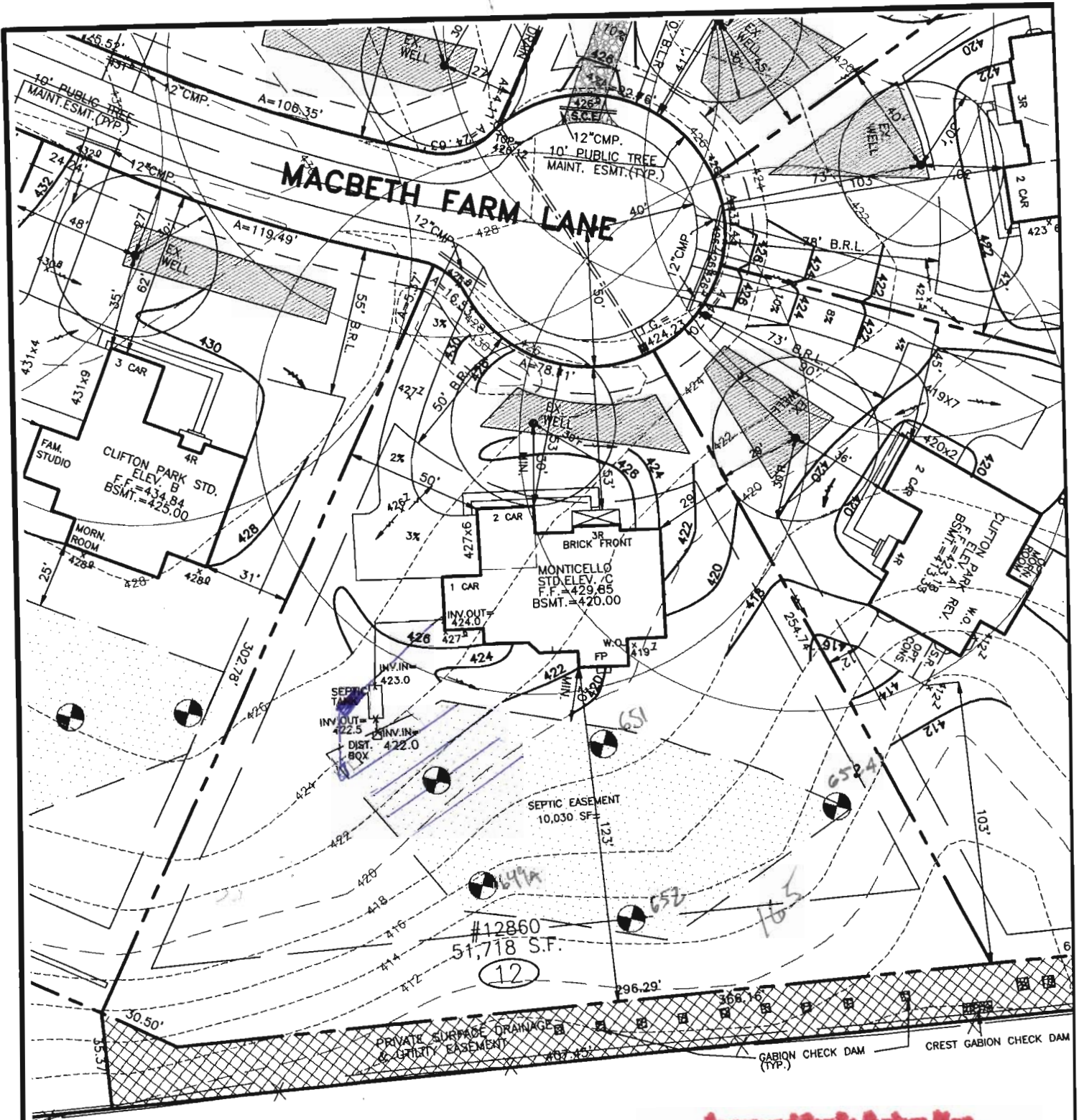
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front+Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION 10/25/07 I install a 50', 55' and 60' trench on contour in the highest part of the easement area. (BB)

INSTALLATION 11/1/07. Installer put in two trenches that were outside the easement. The top 46' trench was finished and covered. The first 10' of the lower trench was gravelled. Told installer to stop work and that trenches had to be in the easement. (BB)

11/5/07 Installer to abandon top 46' trench, O.K. to keep lower 10' section of trench and extend trench in opposite direction. Original grade was determined. Part of easement was shaved off

FINAL INSPECTOR B. Baker DATE OF APPROVAL 11/8/07
 near house. Install 2 additional trenches on contour across easement to achieve required trench length. (BB)



175
5060
70
180

Approved Septic System Plan
Howard County Health Department
[Signature]
 Signature 8/9/07
 Date

DIRT IMPORT REQUIRED: 000 YDS.±
 DIRT EXPORT REQUIRED: 000 YDS.±

THE EXISTING WELL SHOWN ON THIS PLAN, WELL TAG HD-95-0318 HAS BEEN FIELD LOCATED BY MORRIS & RITCHIE ASSOC. INC, PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.

SETBACKS: RR-DEO

FRONT YARD: 50' MIN.
 SIDE YARD: 10' MIN.
 REAR YARD: 30' MIN.

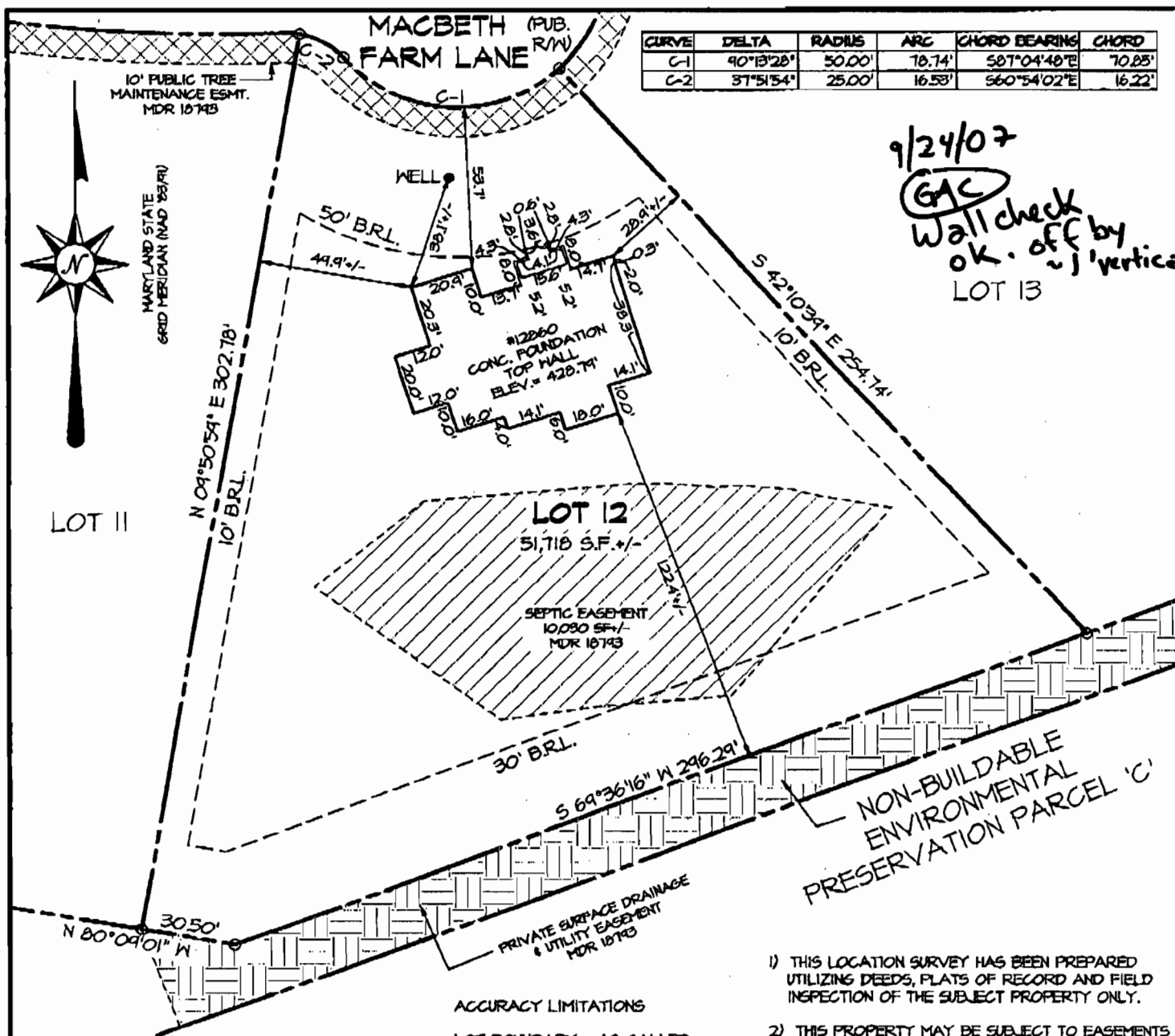
EJECTOR REQUIRED TO SEWER BASEMENT.

BUILDER
 N.V.HOMES
 6085 MARSHALEE DRIVE, SUITE 130
 ELK RIDGE, MARYLAND 21075
 PH.: 410-379-5956



MORRIS & RITCHIE ASSOCIATES, INC.
 ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS, & LANDSCAPE ARCHITECTS
 3445-A Box Hill Corporate Center Drive
 Abingdon, Maryland 21009
 (410) 515-9000
 Fax: (410) 515-9002

SITE AND GRADING PLAN
 FOR
CLARKSVILLE OVERLOOK
 (A.K.A. MACBETH FARMS)
 LOT 12 #12860 MACBETH FARM LANE
 4TH ELECTION DISTRICT HOWARD CO., MARYLAND



CURVE	DELTA	RADIUS	ARC	CHORD BEARING	CHORD
C-1	90°13'28"	50.00'	78.74'	S87°04'48"E	70.85'
C-2	37°51'54"	25.00'	16.53'	S60°54'02"E	16.22'

9/24/07
 GAC
 Wall check
 ok. off by
 2' vertically
 LOT 13



10' PUBLIC TREE
 MAINTENANCE ESMT.
 MDR 18743

MARYLAND STATE
 GRID MERIDIAN (NAD 83/R)

LOT 11

LOT 12

51,718 S.F. +/-

SEPTIC EASEMENT
 10,080 SF +/-
 MDR 18743

NON-BUILDABLE
 ENVIRONMENTAL
 PRESERVATION PARCEL 'C'

PRIVATE SURFACE DRAINAGE
 & UTILITY EASEMENT
 MDR 18743

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.

Kenneth L. Evans Jr.
 KENNETH L. EVANS JR.
 PROFESSIONAL LAND SURVEYOR
 MD. REG. NO. 21085
 DATE 9/12/07



MORRIS & RITCHIE ASSOCIATES, INC.
 ENGINEERS, PLANNERS, SURVEYORS, AND LANDSCAPE ARCHITECTS
 14280 PARK CENTER DRIVE, SUITE A
 LAUREL, MD 20701
 (410) 792-4792
 FAX: (410) 792-7395

AS-BUILT FOUNDATION PLAN
 MACBETH FARMS
 12860 MACBETH FARM LANE
 LOT #12
 PLAT M.D.R. NO. 18743
 5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 FOR: N.Y. HOMES

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